Blacklisted! 411

The Official Hackers Magazine!

This magazine is dedicated to the curious people who want to know the "inside" technical information regarding computers, BBS's, the telephone company, arcade games, radio equipment, general electronic equipment, cable and other utility companies and anything/everything nobody else wants to talk about...or might not even KNOW about! Are you a hacker? Are you curious? Do you want to know how-it-works? Then you want to read this magazine!

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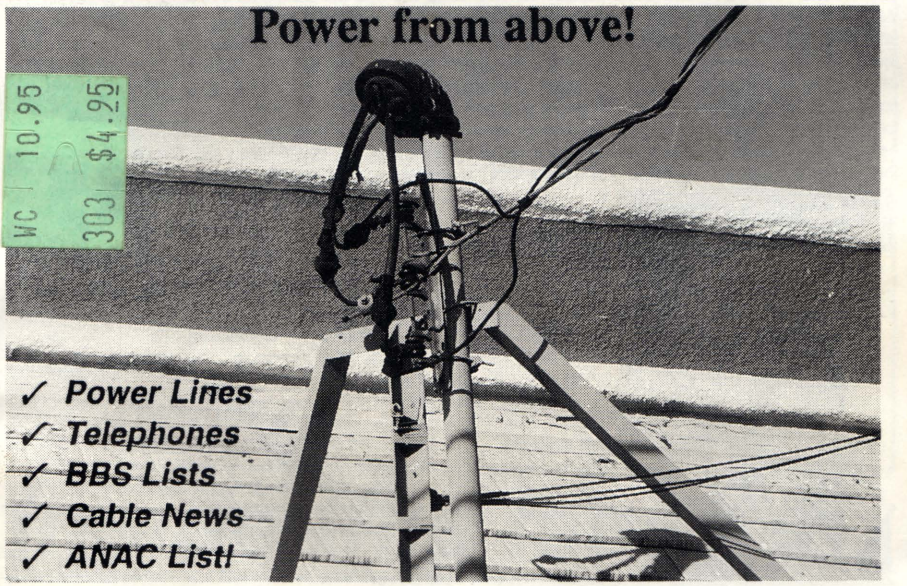

Every day, theft of utility service occurs with or without the knowledge of the utility service providers. Thousands, if not hundreds of thousands of dollars are lost each day due to illegal power consumption. Most of the public does not know how wide-spread this type of theft IS and how it effects them in the long run....and NOW, for that matter. Did YOU realize that the power companies don't "eat" the cost of lost revenue caused by this type of theft? Do you know who DOES "eat" it? YOU DO! That's right! The power companies pass along the higher costs to you, the paying customers. It's hard for power companies to stop this theft from happening simply because the equipment used is OLD in most areas, plus this type of service is difficult to monitor, as it is. Statistics show that theft of electricity is higher in single family houses rather than apartment buildings - probably because power meters are located on the property of homes and neighbors are less likely to SEE tampering of the power meters. If a power company happens to discover someone gaining illegal access to power, it's usually VERY hard for the said power company to prosecute the person(s) involved.. Most of the evidence is highly circumstantial and hard to really prove, even if it appears obvious that someone is stealing electricity. No matter what the warnings say, it's EASY to steal electricity! Why should the power company care, anyway? They don't lose any money. YOU DO! Look at your bill, sometime.....Surprise!!

Inside this issue:

Technical Support BBS Listing, Game Tips, Cable TV News, The Phone Tap, AOHell Review, "How to Build a Red Box" Review, Internet Email Addresses for BL411, ANAC Listing, New York BBS Numbers, Full 800 MHZ Coverage!, How to Get a Bank Account with NO SS#..and MORE!

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Blacklisted! 411

On the Cover:

It's amazing that nothing is really being done to stop this type of theft. Actually, in some areas, the power companies are using new up-to-date meters which does help scare off some would-be powers thieves, but it doesn't effect the whole scope of this theft rampage very much. It's too easy to steal and it's such a wanted item....FREE ELECTRICTY... Who likes to pay for it? It's not like you get to keep anything after paying for it.. It's an invisible thing that we pay very big bucks for.... Some people, who decide it's not worth PAYING for, and learn just how easy it is to take without paying for, take the questionable route and live a paranoid life, wondering if they're going to get caught.. Chances are, if they did it right, they're not going to get caught.... for months.. for years.... Hell, they'll probably NEVER get caught. The ones who DO get caught are few in comparison to the whole. Approximately 2% to 3% get caught, and this is a small number, indeed! <sigh>... This is good and bad. It's GOOD news to those of you who intend on (or are already) stealing power. It's bad news to all of us who PAY for our electricity. It means that our bills will get bigger and bigger over the years. What can we do? Sit back and watch our money drain from our wallets? Well, that's about it. Either that or steal some electricity for yourself. Hah! The power companies use these little security tamper "tags" on their meters to figure out who has been tampering with the meters and who has not. Well, the tags can be taken off without damaging them....Surprise! Plus, the tags can be bought...The power companies very RARELY check to see if the tags have been tampered with or not.. You can even remove them and they won't notice it for YEARS, at times.. You don't even have to remove the meter to steal power.. It can be tapped at a point before the meter, the meter can be slowed down externally....etc, etc, etc.. There's too many ways to defeat the meters and power companies. It's quite a shock for people when they learn the truth! Isn't it? Nawww..

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AND NOW FOR SOMETHING COMPLETELY DIFFERENT!

Introduction

Hi everyone! We're here with another issue of Blacklisted! 411. I'm sure all the veteran readers know all about the magazine, but for the new people joining the viewing audience, Let's recap what this magazine is all about and where it came from...Read this once again:

This magazine is provided to the individuals out there who are interested in knowing more than they're supposed to, according to the powers that be. We would like to basically tell the powers, more or less, we are ALL entitled to, and have a right to free information. We are here to tell the people what they want to know. You wanted us, here we are.

Anyhow, we're nearing the end of our second volume. Yes, we've been here for nearly two years now. The first volume consisted of 12 whole issues. We decided to go to a quarterly format for our second year? Why? Distribution! We wanted more people to read what we had to say, so we concentrated on producing MORE copies for each issue. It's worked out very well for us - and our readers.

Originally, we came up with the magazine because we were all looking for a magazine which covered more than telephone hacking, etc. So, with a lot of work and such, we managed to produce our first issue of Blacklisted! 411 and had it on the shelves January, 1994. It was an exciting time for us.

Anyhow, for the readers who have been with us from the start, you will notice a LOT of changes to the magazine. For one, you'll be sure to notice the front cover! Yes, we decided to go back to the title bar we used for a couple of issues during our first year. Why? It looks nice. That's about the only reason, really. On the pages throughout the magazine, you will notice all sorts of minor differences we introduced to give an overall more appealing appearance to our readers.

For all of the new readers, we're happy to have you aboard! We just LOVE to hear from our readers as much as possible and we're more than happy to accept any question which falls into the general direction of our usual subject matter. No question is too dumb! So, if you want to know something about topics we write about, please ask us - we won't put you down like some other magazines might tend to lean toward. The best way to have a question answered is by either sending it to us via snail mail (post office) or via FAX. If we get a call by phone, we'll have to convert speech to text and it takes the longest for us to reply to these type of questions.

For those of you who HATE our magazine, well, despite the threats, despite the hatred, despite the anger....guess what? WE'RE STILL HERE! ....and, more importantly, we're going to STAY regardless of your pathetic verbal/written attacks. We laugh at you. Ha..haha. Hahaha.. But, seriously, if you have a legitimate complaint, we'd love to hear it. If you want to call us to flame us for awhile, don't bother - it won't help you out, really. It seems that all the bad press you sort of guys give us, we just end up with more subscribers because of it. Go figure! Anyhow, we do thank you for the time and effort you put in for us in getting more people reading our material -AND- shortly thereafter SUBSCRIBING! We can't begin to thank you enough. Hahaha One last thing... Uh, we're not gonna accept COLLECT CALLS.. -BL411-

Letter from the Editor

Hello again, everyone. It's time again for me (Zachary) to say a few words (or a lot of words - who cares) about what's been happening with us, the hacker world, you, the hacker world, other magazines, etc. Anyhow, the summer was a bit exciting for us, to say the least. Not only did we find new and exciting ways to entertain you in this and upcoming issues of Blacklisted! 411, but we also managed to find ways of pissing more people off, as well. Unintentionally, of course...<snicker>..

Let's start the news with Private Line. Tom Farley of Private Line has been one of the most helpful and kind hearted people we've met over the last year. He publishes (if you're not aware of this) a magazine which has a somewhat similar subject matter as Blacklisted! 411. He provides more detailed technical information about telephones in particular. One of his most recent issues had a lot of great PICTURES, if you're into that sort of thing, which we just happen to be. Anyhow, I want to personally tell all of our readers about his magazine and let you know how to get in touch with him, etc. Private Line's address is: 5150 Fair Oaks Blvd. #101-348, Carmichael, CA 95608. Private Line's phone numbers are: Voice (916)488-4231 and Fax (916)978-0810. Subscriptions are $27 a year for US addresses, $34/yr. for Canadian and Mexican addresses and $44/yr. overseas. Samples are $4 each. ISSN 1077-3487. He's a good guy and he has a great magazine - purchase a sample, at least.

Next on the list is DEFCON III. We told all of you about it way in advance! So, who made it and who didn't make it there? We have a lot of info to munch on before we write about it. If you have any comments about DEFCON III and you want to have you material printed here in Blacklisted! 411, you better send the info in ASAP! Anyhow, Dark Tangent is one cool individual and we wish we could find more people like him who are willing to set up such an event for people who frequent magazines like ours, Private Line and <ahem> 2600. Anyhow, we support the ideals behind Dark Tangent's DEF CON conventions! What a concept, people! So, tell us what you thought of DEF CON III, people. We really want to know what YOU thought about it. Officially, Blacklisted! 411 did not attend the convention, but we had many people unofficially attend it just to scope it out and pick up useful info, etc.

I think it'd be a good idea to let everyone know that we have a whole new staff of people at Blacklisted! 411 now, including writers, artists (graphic and freehand), technical advisors, interviewers, reporters, hardware/software review personnel, advertising personnel and even technology specific writers for the arcade industry, cellular phone industry and other areas of interest.

Damien Thorn has graciously offered his assistance with the cellular phone aspect of our magazine. I am sure that ALL (or most) of you know who he is and what he's done over the years. Be sure to look for his work here in Blacklisted! 411. What a treat it is to have him writing for us.

We're doing our best to get interviews with people we think you may find interesting, particularly certain individuals who have been or are being pushed through the system of law for various computer and or "hacker" related crimes. Not only that, but also interviews with people(a person) who have(has) been sued for copyright infringement and/or programmers of certain "unacceptable" programs. We have a lot in

store for all of you out there! If you have ANY ideas on particular material we should cover, please feel free to make a comment about it. Again, we love to hear from our readers, so SAY something to us!

Speaking of different material and such, I'm sure some of you noticed the little bit on the arcade stuff in the last issue. Now, that's a whole new viewpoint for the hacker community. We're not here to simply talk about how to hack a phone, etc. We want to spread ANY news we can about any area of hacking and/or electronics. The veteran hackers out there are more than likely to be into several different fields of electronics like many of us over here at Blacklisted! Arcade games, telecommunications, computers, radio communications, satellite communications, video, audio, etc.. We love it all, so we will write about it. We are the hacker magazine of the 90's which should have been around in the 80's, as well. Ok, so we were a little slow in the making. We're here NOW, so let's keep a good thing going, people.

We get a TON of mail and faxes all the time over here and you know what? It's still not enough! We want you to bombard us with every little comment you have, every little question, every single piece of material you have for us. You are bound to realize that we print just about everything we get, in some way or another. I admit that we do pass on some stuff simply because it's way off base for us or maybe it's completely impossible to fit it in a current issue, but we do our very best to get everything covered. Who knows, we might add a few more pages in an upcoming issue or maybe create a special "insert" for subscribers to look over. We will most likely stay with our current digest size for some time to come because it's an appealing size. We are considering a COLOR cover page, too. That should be a lot of fun. We've got our graphic artists working on that part right now and, hell, we might have a COLOR cover by the time this issue is ready for the printer.

Ok, so what else is new? Hmmm.. not a whole lot other than what we already mentioned. Subscriptions have increased dramatically in a period of 3 months. Our overall distribution is very HIGH, as well. We're looking to level out at about 100,000 copies per issue by the end of next year. We'll probably be around 60,000-70,000, but we're shooting for 100,000 copies. You can't blame us for trying, can you?

I have to thank all of you who have stuck with us since our first issue. You've seen all the changes, all the little conflicts people have had with our publishing of this material, etc. So, to the people who've seen it all, what do you have to say about all of the times you've seen us go through? We'd like to hear your thoughts and opinions. I bet you have some pretty good stories to pass along to us. Maybe about some little hacker meets that went bonkers when you showed a copy of our magazine while there? We've heard some good ones, so far....and some bad ones, as well.

Advertising. While I'm talking(typing) up a storm here, I might as well mention the advertising line we have. If you want to advertise in our magazine, please call (310)596-2805 and speak with the personnel in that dept. It'll save you a lot of time if you call the advertising Dept. directly. We keep all the advertising as up to date as possible. So, if you've got any questions, need current advertising rates or need an advertisement in the next issue, give our advertising dept. a call today! They'll be happy to help you.

Speaking of advertising, we're doing a few things to get the word out about our magazine. Everything from promotional give-a-ways at various places here in Southern California to looking into WWW.. I have to mention, though, that the flame wars about our magazine in the various nets has done us a world of good, as well. Talk about lots of EXCELLENT and FREE advertising.. Whew! I wish we would have thought of it!! If you have any ideas on where we could beef up our advertising, please feel free to contact us regarding this. We're always looking for a new way to increase distribution.

While I'm thinking about advertising, still...We trade ad space with other magazines/publications with similar topics, etc. So, if you're the publisher of some sort of magazine and want to trade ad space, give us a call. We can probably work something out that will be mutually beneficial. Do you agree?

Next thing I need to tell all of you about is our old internet email address and the NEW email address. Our old one (zachary@dreamsys.com) had some big problems - the system providing us with the account lost their internet access, so.....we, in turn, lost our link into the internet, which sucks! ALL email sent to that address was lost into oblivion! So, if you sent something to us and you'd really like us to see it, please send it again to one of our new addresses. Anyhow, after discovering we had no new mail, we figured out that our internet link was, in fact, gone! So, we decided to take care of this at the very last minute before releasing this issue. Zachary Blackstone (me) can be mailed directly via internet at the following address: zachary@blacklisted411.com Alexander Tolstoy (the co-editor) can be emailed at this address: alexander@blacklisted411.com We accept letters, questions and comments at this address: letters@blacklisted411.com and articles and submissions at: articles@blacklisted411.com This will make it a lot easier for most of you to get in touch with us. We will not answer any email sent to the letters@blacklisted411.com address via email, instead we will answer them in the magazine - which we should not have to explain the reasoning behind this. We will answer questions and/or reply to mail sent to the other addresses which we deem suitable for response.

Sooner or later we hope to have a WEB page and an FTP site, as well....it's in the works. For now, a solid internet email site is good enough to get us by for some time to come. So, until we finally DO get ourselves that WEB page and FTP site, we will entertain any suggestions our readers might have in obtaining a reputable provider for such things, direct us to a source for the equipment, etc.

Blacklisted! 411 was recently picked up by the Barnes & Noble chain and we're delighted with the news of this. The bottom line is that we will have a lot more exposure and potential for exposure. What does this mean for you? It means that the magazine *WILL* grow a lot stronger and, eventually - as we continue to grow, we will be able to provide all of our readers with new and exciting things. Yay!! - **Editors**

Letters

Note: ALL of the mail sent to our "zachary@dreamsys.com" address was lost. From here on out, our email address for letters, questions and comments is: letters@blacklisted411.com

Dear Blacklisted! 411,
Does anyone know where I can purchase a program like in WarGames that will dial all he computer phone numbers in my 360 prefix??? If so, tell me how much and where to send my money to??? Also, is there a program that will read and type all the letters in the alphabet and all number combinations to find out a password on a game, bbs or other??? Tell me how much it will cost and where!!! In addition, please put some of my local bbs numbers in your cool mag!

The Missing Link
Silverdale, WA
Routed> U.S. Snail Mail

Well, we don't know where you can buy such a software (the one for war dialing), but you can pick up public domain "elite" warez that does what you're talking about.. Consult your local pirate BBS for such software, as no retail store that I can think of carries such software. If you are using a C64 (we don't know what kind of computer you have) we suggest looking for a software called Phone Man, as well.. it's pretty cool. There are all types of this sort of software out there...You can get this stuff for FREE, too.. as it's not sold in stores.. As for the password generator...I'm sure there's something out there that does what you're looking for, but no program names come to mind... Would any of the readers like to help us out on this one? Providing a location where The Missing Link might locate both of the programs he's looking for. We will assume that he's using an IBM compatible.. Anyone? Now, for the local area bbs numbers.. We'll put some Washington number in the next issue.. we don't have the room for it in this one..

Dear Blacklisted! 411,
Enclosed is a disk containing various .txt files on hacking & phreaking. Before looking at these files, please run my program called "hackr.bat" It explains the text filez so you don't have to read every file b4 you know what they're about. The disk also contains lots of info on how to build and use tons of different color boxes. Thanks

HAKR
(location withheld)
Routed> U.S. Snail Mail

Thanks for the disk.... it's got some good stuff on it..

Dear Blacklisted! 411,
Regarding your July '95Cable TV News article about cable terminators, I would like to share the following, which should make possession of the vaunted terminator tool unnecessary. Terminators are used on cable box connections and also on exposed jacks inside residences. The latter commonly occurs when someone move or cancels service and the cable company drone can't get access to the box. In this instance, the signal is still available from the jack, but you have to remove the terminator and connect through a "cable box." When I encountered this situation, I removed the outlet plate covering the cable jack (requires screwdriver or butter knife) and unscrewed the terminator connection behind the plate. I then connected my VCR to this jack, and tuned my TV to channel 3. I was able to view the entire "A" side of the cable spectrum using my VCR remote to change channels. (note: I had to turn the VCR's power on first or it would not work) As for terminators elsewhere, you do not need the official tool. The terminator works by "floating" a dummy connector inside a larger housing. If you turn the terminator by hand, the dummy connector just spins around. The terminator tool holds the dummy connector in place when the entire unit is turned, allowing it to be unscrewed. I have successfully removed several terminators by lodging the end of a straightened paper clip into one of the slots, jamming it between the floating dummy connector and wall of the housing. The dummy connector is held in place and the terminator can be easily unscrewed by hand. It has never taken me more than 5 minutes to do this. Bon apetit! Sincerely,

NutherNewtHater
Boston, MA
Routed> U.S. Snail Mail

You can also use a small flatblade screwdriver to take those terminators off, as well.. It's not the right tool, but when you jam it into the thing, it works.. You're right..it takes about 5 minutes.. sometimes a little less, after you get some practice.

Blacklisted 411,
A few thoughts and suggestions for you. Why not have a red box page in every issue, with the schematic for a red box on it? This would be of benefit to the new reader. Possibly you could do it in the form of a contest, the winner getting their schematic printed. Or maybe you could try it as "Color Box Of The Month" type of thing, each issue with a schematic for that type of box. I thoroughly enjoy reading Blacklisted, but a few "build this" articles would be great. Just a couple of suggestions for ya.
On chrome boxes. Learning remotes are kinda hard to find. Most new universal remotes are the programmable type, (numbers corresponding to your TV from a given list) rather than the learn from infrared types. I got lucky and found one in the clearance crap-pile at Wal-Mart for five bucks.
Are blue boxes still of any use? Doesn't the phone co.'s computers tell where the tones originate? The only blue box I've seen was way back in 1977, and it would seem to me that things would have caught up to the old blue box by now. Just curious.
Try this sometime. If you have access to your apartment building's basement, look for the cable co. coax. Run a length of twinlead parallel to, but not touching, this coax. If possible, hide the twinlead (In between boards, something like that.)

Write for Blacklisted! 411

Send your articles to:

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or Fax us at:
(310)493-3998

Are you tired of reading the same old thing? Well, if you are, you should consider writing for us. Send us articles for print and your name is sure to get "out." When you do decide to send an article for print, you might consider using an "alias" if you feel more comfortable with that. Do whatever it takes, just send in those articles! Don't be quiet! Speak out! Say something! Tell us your opinion, or send us your facts on any topic that you feel we all want to see. Once you've written it, you may FAX it to us, send it to us, utilizing our wondrous U.S. Postal Service or call our voice number and leave a message about it. You want to be heard? First thing you have to do is SPEAK UP!!!

Connect the twin lead to a TV antenna amplifier, and then to your TV. The picture you'll get is amazingly clear, and you haven't touched cable co. property! The cheapest antenna amplifier will do, and twinlead is dirt cheap. For less than the price of a month's cable bill, you're ready to go. I saw this setup a few years back, and was surprised at the picture quality. The longer length of twinlead, the better. Try it.
Back to chrome boxes. If your areas system is sensitive to UV, an inexpensive UV filter for the strobe is a incandescent blacklight bulb! Simply position the bulb in front of the strobe. Even at night, it's just a dim purple flash. Commercial UV passing filters are 100 or so bucks, blacklights are $2.99. Anyway, keep up the good work.

TVz Phrank
(location withheld)
Routed> U.S. Snail Mail

Good idea about the red box page.. and the box of the month.. We've been thinking about that, actually.. We're gonna do that in this issue.. a simple "red box" page.. Maybe it'll slow down the influx of questions about red boxes... Aaargh! Schematics would be good, as well.. In fact, we were supposed to have two of them.. one on a red box and one for a tone encoder/decoder set.. But, alas, the person doing the work for us decided NOT to do the schematic work for us.. Go figure.. Anyhow, we're looking for someone to lay out the schematics now. Sooner or later we'll have a hold on the schematic aspect of the magazine.. It's in the works...

*Chrome boxes... Are the learning infrared remotes really that hard to find? *I* personally see them ALL the time around here.. Target, RadioShack, TRW swapmeet, etc.. They're everywhere!! If they're so hard to find in some locations, maybe there's a marketing idea for ya.. Buy 'em for $5 and resell them for $10 or $15.. who knows.. I see people selling 6.5Mhz crystals for $4-$5 all the time..*

Blue boxes are still in use, yes. However, they are not in much use here in the states.. it's very rare.. The more advanced phone switches have levels of service on each phone line and can lock out or "trap" blue box tones.. and, yes, they can be detected on the most advanced systems, as well as logs being made of such things, as well as the normal day to day calls made, etc.. Blue boxing is still done on some payphones here in the states. We suggest you never try this one, unless you are completely familiar with what you are doing and where you are doing it. For the most part, the phone companies have caught up to the old blue boxes, but there are still places where one can do it...especially out of the country..(United States, that is)

Does the cable trick you mentioned really work? There are a LOT of channels running on that one length of wire, you know.. I am curious, did you hook the length of parallel wire to a cable box? or do you tune in all the channels with the TV, rather than the cable box? Anyhow, if it works, it sounds like a neat little trick, but I am sure it would be useless on an all-scrambled cable system.. Good idea, though.

That's a good, cheap source for UV filters.. thanks for the tip.. Didn't come to mind previously.. Anyhow, thanks for the info and questions.. Talk to you later

Hey Blacklisted 411,
I bought you little magazine yesterday and I'm hooked. This is a really cool info source. I've heard all this stuff but this is my first excursion into actually researching it. I also like what you have to say about the old Commodore 64's. God knows I've still got mine sitting in my closet as a backup if my PC clone dies. You don't suck, and I'm Jonesing for your next issue. By the way, I'm an FNG to all of this...who the hell is ALT.2600 anyway?

Grey Area
(location withheld)
Routed> Facsimile Transmission

God isn't the only one who knows what you keep in your closet, now.. haha.. C64's are great little computers.. more reliable than an old PC, if you ask me! Thanks for thinking we don't suck.. It means a lot to us.. (no sarcasm) As for ALT.2600.. it's a newsgroup on the Internet which is for a similar magazine by the name of "2600 Magazine - The hackers quarterly"... They're a competitor(?) magazine of ours. On this newsgroup, you can read/post messages just like on a BBS, though it's similar to a networked message base.. A LOT of people read/post on this newsgroup all over the world... Well, that about covers it..

To all the great folks at Blacklisted!,
I dig the mag. I and a few associates tried to start an underground newspaper in our own area. The key word is "tried". It didn't come out too well. We couldn't get our slacker connections to put out any written material so it dies a slow and painful death. It's nice to have my eyes opened to the fact that there are other people out there trying to screw the system like we did, and doing a better job of it at that. What would be a big help for the upcoming year is if you could send me any info that might help our paper work better for the next go-around at the school year (getting on track, getting $$$, keeping a good subject base, getting $$$, distributing, getting $$$ and any other little tricks you've learned about the printing game, especially getting $$$), and hopefully you can also send some subscription info about "411". I finally got a job, so the $$$ thing won't be as big a problem, and now I can buy things like your mag and all the nice gadgets you talk about. Ain't capitalism great? (I smell satire.) I guess you make the $$$ how you can. Be ye Capitalist, Communist, Socialist, or otherwise, ye have a very goode thing in "Blacklisted! 411". But, I suppose you knew that already.

Oh, and by the way, about the cellular phone frequencies. If it's of any use to you, I've found that tuning a television to 80 on the UHF dial (if your TV can go that high, or if your TV still has a dial) brings in some type of communication frequencies. Maybe it's cell phones, I don't really know. It's generally garbled and staticy, but sometimes you can pick something up whether it's talk or little ASCII computer screams from modems.

For your readers: you can usually take a walk down to the local Radio Shack store and get a list of all the police, fire, forestry, medical, etc. radio bands for the area. They usually give you some bad ones, but if you scan them enough you can find where they're at, CHP too.

If you're interested in hearing chatter from the airports, try looking at an aerial navigation map of your area (look in the phone book under maps.) Find one with the target city on it. By the city there'll be little icons of the nearest airport(s) and some numbers by them, giving approach, ground, and tower frequencies. You might need a pretty good antenna mast to hear some of the frequencies, unless you live really close to the airport (say, on the runway) or in really good line-of-sight because of terrain. And if there's a building in the way, that's nothing a little nitrate won't solve, right? Ha!

One last thing: got any info about pirate radio? I hear it's getting big in Mexico. Why not America?

Signing off (for now),

Virgil
Clovis, CA
Routed> U.S. Snail Mail

I'm glad a fellow magazine published (in the works) digs our mag!! We understand about slacker connections flaking out! Happens to us all the time, over here.. Though, we have a LOT of people who contribute cool info ALL the time, so we're usually in no danger if one of our regulars decides to flake out

Lend out this copy of Blacklisted! 411 and you'll probably never see it again!!

on us.. We expect the flakes, now.. Really, the only tip we can give to you is this: set aside a large amount of money before you start your new venture.. It takes a LOT of money to keep a magazine going — and it takes a while to turn any sort of profit. So, when you dive back into this type of business, don't expect to see any money anytime soon.. it takes a lot longer than you think.. and a lot of 'zines go under because of this.. If you try to go through big distributors like we do, you have to realize that they usually don't pay you for one issue until 60 days after they get the NEXT issue.. it stinks! But, you have to deal with it when you're in this type of business. Distribution.. the only way to go is with the big boys distribution companies.. For a list of distributors, you need to go to your local magazine store and pick up a copy of FactSheet 5 and purchase a "zine publishers resource guide" from them. It'll cost you $4 (cash) and it's well worth the money! It's got everything you need to get started in the distribution game.. FactSheet 5 can be reached at P.O. Box 170099, San Francisco, CA 94117-0099. Expect to give copies of your zine to the distribution companies for a 50-55% discount off the cover price.. it's standard.. We suggest you try Tower Magazines/MTS Inc. first.. they're pretty cool and they pay 2/3rds the purchase price up front (30-60 days after you send it to them)... Anyhow, there's a lot to publishing a zine.. The number one thing.. try to make the zine look as NICE as you can.. this will be the hinge on whether or not a distribution co. will take you on or not..

We don't own a TV with a dial.. Old technology, you know. Haha.. when we find one, though.. we'll try out your little thing on channel 80 and see (hear) what we can get..

Yes, Radio Shack has those frequency guides... the information in them isn't always that great, though...

I didn't realize our phone book maps had frequency info on airports.. I'll look that one up!! Might be interesting to see if that one's true.

Pirate Radio.. it's big in the Berkeley area, from what we understand.. and, yes, we have info on it.. Alexander Tolstoy will be persuaded into writing on that topic sometime soon, as it's one of his specialties, so to speak.. :)

Have a good one, man!

Dear Blacklisted! 411,
You all have a Super-Tech Magazine! I have just bought an A500 Amiga "NEW". So, I am looking forward to Major Coyotes' articles. All Amiga mags are sold out here and I saw Blacklisted! 411 and bought it. As to the Commodore 64/128. I gave it to my son. He will start a BBS later this year. I saw PolarSwirls' letter on the Phreaking C64 & decided to write this phreaking letter, which is my 1st letter to any 'zine! I will gladly supply a chunk oh phreak software to any that request it. Would like to trade for Amiga 500 software, but not required. Enclosed is my disk on the phreaking C64. Note on viruses: from what I know, if writing to track 1, on a PC, MAC or other via either booted software or Modem communication can corrupt a system - due to CPU memory structure. Be it known that C64/128 is memory-mapped & therefore cannot be accessed this way. Correct me if I am not within reason. End of line.....

P.S. I hope you all have a C64 handy!

Mr. "Q"
Alameda, CA
Routed> U.S. Snail Mail

Thanks for the software.. If anyone wants to trade software with this person, here he is.. It's all PD hacker stuff, though. :) Of course writing to a hard drive can corrupt it.. Though, the C64 is not really effected by viruses, it can be attacked by what is known as a trojan horse.. and, yes, there are hard drives available (or used to be available) for the C64... so, the C64 is not entirely immune to getting screwed up.. Although, it's rather uncommon for anything such as this to happen to a C64's hard drive, it's possible and it's happened before. And, of course we've got a C64 handy!! :) Actually, we've got a whole closet full of them.. Someone else had a closet with one, in a previous letter.. C64's, the closet computer.. haha

Dear Blacklisted! 411,
I came upon your 'zine on a local Barnes & Noble Bookstore in Orlando FL. You guys have a great magazine. Keep up the good work. I don't care what those people @ 2600 say.

I was always trying to find a magazine like yours, but never could find one. People mentioned alot of names but never could get an address. Like TAP, Phrack and <ahem> 2600, oh well. Anyway, this is my first issue (July '95). Can't wait for the October '95 4th Quarter Issue. I'm still not finished reading this issue but I had to stop to fax you this bit of info on your article on the Gas Station Information Link. I believe those sat. link dishes are for their surveillance cams. The picture gets uplinked to a central office which they record and store all the data for that particular day and gas station. In the event of a holdup they can pull up the archives for that particular gas station and give it to law enforcement for investigation. I believe banks have the same system. Hope this helps some.

M. Qatt
(location withheld)
Routed> Facsimile Transmission

Thanks!! We don't really care what they say, either... It's not like we're here to push anyone out of business.. Top dog has to learn how to share, I suppose.. Anyhow, yes, Barnes & Noble Bookstore chain now carries our magazine.. It's pretty cool....Distribution went way up recently! We're excited about it.. We just keep getting bigger and bigger..

Hey, I'm glad you were able to find a magazine like ours, too.. It's good to know that we're living up to your standards.. :) If you have a hard time finishing up one issue now, you should have tried it during our first year.. we had 12 issues out that year.. by the time we were done with one, we were finishing up another one.. It's pretty kick back now, though..

As for the surveillance cams, etc... Although, I don't believe this is what the satellite up/downlinks are used for, I will give it a possibility, at least. It's unlikely that this is what it's used

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for.. Video data is incredibly LARGE and to do this, it would take up terrabytes (or more) of space every day to record such info... just for ONE store, even.. We're convinced that it's used for transaction information....and on some stores, they use something similar for commercial free music, come to find out.. Banks (well, most of them around here, anyway) keep records of the cameras on TAPE located inside the building. If your information is correct, that's a new twist.. It's a possibility, I will admit to... Anyone else have any comments on this one??

Dear 411,
Somebody gave me a copy of July '95. Comments: Page 9 answer to "Ken" about redboxes. I went to Radio Shack and they had 2 different dialers...which one? Also, I'd like to know what (two?) frequencies are involved? (is it kinda' like DTMF?)

Suppose a person named "penny arcade" lived in a large apartment complex (or you stuck a dymo-tape(TM?)) label on your mailbox for a brief while adding the name....

CR## (your route !)
P. Arcade
xx67F (street name omitted) apt F (xx=wrong #'s)
(wrong city), state (zip+4)

There are even additional bar codes (but I don't have the software) that presort the mail in the carrier's "WALKING ORDER", so in sorting it is never touched by human hands, so when the carrier touches it, s/he is already standing by your mailbox, and could get it in the right box with just a hint. A couple of mail carriers ago, I am rather sure that my first name & zip+4 would have gotten me my mail. (OK, so I gave the carrier jewelry, but it was a gender issue, not about mail secrecy) Anyway, keep 'em coming'!!!

(name withheld)
(location withheld)
Routed> U.S. Snail Mail (Yup, it got to us)

Radio Shack does sell two models of dialers.. We don't have the exact model number on hand at the moment, but you want to purchase the one that is programmable.. there's only one of them that's programmable.. it's got the three buttons on the very top of the face of the dialer.. The frequencies involved are: 1721.0Hz and 2208.1Hz (54.62ms on/off).. Yes, it IS DTMF, actually.

Penny Arcade will get his/her mail, most likely... Your idea works well — we tried it out.. polished up a little, but it works.. And, no, we didn't have to give any jewelry to our postal carrier.... He would have probably though we were strange if we tried it.. They guy never failed sending us our mail.. That's pretty slick!..

Dear Blacklisted! 411,
I have been considering subscribing to your zine, Blacklisted! 411, for some time now, but I have my doubts about it. It's not a matter of price but rather a matter of paranoia, perhaps... I've heard rumors that Blacklisted! 411 is run by Feds trying to catch hackers... and/or, also, that you hand over subscription lists to the Feds. I just don't want anyone knowing that I subscribe to your magazine so I won't be on some "list" to look up when someone goes on a hacker hunt in my area...Is it a rumor, or are you really in league with the Feds in some way or do you give out a subscribe list to anyone or any entity?

(name withheld)
(location withheld)
Routed> Internet E-Mail

No, we're not run by Feds and we don't give out any subscription lists to anyone. We hold our subscribers list in high secrecy... and we send all our mail out FIRST CLASS, so we don't have to submit to postal inspections every so often and we do not have to provide any lists to the postal service, either. We will NEVER go 2nd or 3rd class! First class ensures that you have the most private mail possible. Ok? One last thing: If we were FEDS do you think we'd tell you? :)
Dear Blacklisted! 411,
This is the first time I've seen your magazine. I saw it in my local Barnes & Nobles, right next to a competitors magazine (no names). I am happy to have found your magazine - it's pretty cool and has much better topics. Question: I am interested in submitting some articles for reprint. Would you be interested? I need your email address so I can send them to you quickly, so please be sure to pass that info along. Please withhold my name/location as I am sure some people may be offended with my association with you and I don't feel like dealing with them thinking I've left them in the dust for your magazine. It's a bunch of b.s., apparently! Anyhow, be sure to answer me and I'll get you some cool articles.

(name withheld)
(location withheld)
Routed> U.S. Snail Mail

Cool, so you're not the only one who found our mag in Barnes & Noble, eh? Yes, we'd be interested in your article submissions... You can snail mail them to us on disk or email them to: articles@blacklisted411.com We will surely print them! We can withhold your name/location, etc... BUT, if you're a writer for who I think you are....uh, you might want to use your alias, anyway.. We're tired of being accused of CRAP like you mentioned.. Anyhow, you shouldn't CARE what they think.. If you still want to submit anything, try to include some type of name or alias that people will know.. Well, thanks for the interest in helping out..

Dear Blacklisted 411,
I am looking for information on hacking my way into home answering machines that allow the user to retrieve messages by phone. You mentioned that this was easy to do in an article once.
I work in phone sales and to kill the dullness of the job, I try to

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guess the code every time I get an answering machine. 1-2-3 is the most popular code and it will work on about 1 in 20 machines. Many others use a combination of the number 1, 2 and 3. On the newer machines many let the user put in their own code, a lot of people pick the first three or last four numbers of their phone #'s.

Enclosed is a stamped self address envelope write back and let me know if you have this information in a back issue I can purchase.

P. Kelly
Burlingame, CA
Routed> U.S. Snail Mail

We agree that most combo's on home machines use combinations of 1, 2, and 3.. We do not have any information on specific models in any back issues.. In our first volume, we did have a few articles dealing with such things, but nothing particular to what you want.. Besides, we do not have any volume one issues available at this time, anyway. If you are looking for a particular code for any machine (the newer ones) you might want to try 4 digit codes such as 1234, 2345, 3456, 1111, 2222, 3333, 7777...9999, etc.. A lot of the time, it's as simple as that.. BTW, we don't answer this stuff return reply through mail.. We answer ALL questions here in the magazine, as you can see. If you have any more questions, be sure to ask us...

Dear Blacklisted! 411,
I saw your magazine today for the first time and think it is great. The drivel we are fed by the regular media makes me want to throw up. Robert Cohen's article was very informative and I'd like to get more information about becoming a sovereign person. I know a number of people to whom I could pass on that information who would appreciate it as well.

I'm also interested in the kind of creative things that many of your readers enjoy (hacking, phreaking, etc.) but am a relative newcomer to the computer field. Where can I go in my area to meet with like-minded people to find out more?

P Grenelle
(location withheld)
Routed> Facsimile Transmission

If you are interested in more information regarding sovereign citizenship, etc... continue to read our magazine.. It's a goal of ours to have one article on that topic in each issue for a while.. it appears to be a good topic. If you wish to find out more information directly from Robert Cohen, you should contact him at the address given in the "Know The Truth" ad. in the magazine.. He's got a TON of info on this sort of thing.. He can even help set you up as a sovereign citizen..

It's ok that you're a newcomer.. Just read along with us each month and you'll learn more and more... We don't have any meeting for our magazine.. One of our competitors (2600 Magazine) holds hackers meetings all over the place every month, though. I am unsure where you are calling from, so I suggest you purchase a copy of 2600 and look in the back for all the locations and dates for their hacker meetings... They're pretty fun, at times..

Other than this, you might want to hang out on newsgroups on the internet such as: alt.2600, alt.hacker, alt.hackers, alt.zines, alt.cellular.telephones, alt.cellular.oki.900, alt.cellular-phone-tech, alt.radio.pirate, alt.society.sovereign, etc.. these should get you going in the right direction.. If you are unfamiliar with the internet, try a local BBS... and ask around.. there's always someone interested in this sort of thing on a BBS...

QUESTION THE INFORMATION!!!

By D-CRyPT

You must question all knowledge you receive. Knowledge is a necessity today; just like oxygen or water. It is brought to you in a variety of ways. Your phone, television and computer all act as routes information travels into your house. By watching the news and entertainment you can get a pretty vivid portrait of what society is today. You can see that our culture is obsessed with violence and negativity, etc. You get a lot of the aspects of pop culture. You take all this information at huge rate every day. The media never stops pounding you with ads and images. It's how you interpret the information that determines how you perceive reality. In todays society many people have become vegetables that absorb any and everything the media feeds them. Even worse - we don't seek out our info anymore. We just accept what information manages to receive without expending any effort and then try to pretend the rest doesn't exist. People will read an article on the hacker underground in Wired or a story on UFOs in Time magazine and assume they have the whole story. WAKE UP BOYS AND GIRLS!!! I realize that most people reading Blacklisted! 411 aren't like this, but do not become one of these people! You cannot assume you ever have an unbiased, complete story on any topic in the world if the article or show or whatever was produced by a human. It simply is very difficult for anyone to present information free of their own opinions. And they will most likely leave the things out they would rather not print. So get the whole story! Get information from the REAL people; not a television set or a print magazine. These are wonderful resources, but never rely on one source. Find real hackers (which hopefully isn't too hard for most of you) if you are learning about hackers. Find people you can question and disagree with about UFOs if you are learning about UFOs—not a silent sheet of paper. Magazines like Blacklisted! 411, Steamshovel Press, 2600, etc. present a great forum for people to express their ideas openly, say what they really want to say, not just to put down what sells—-<COUGH COUGH WIRED COUGH COUGH>... People like Ben Franklin and Thomas Paine inspired enthusiasm for freedom before the revolution. If we question our knowledge we will keep doors open. We will know how to do all sorts of things and ultimately live better than people who have forgotten. We will make sure that people are allowed to express how they really feel—not just some processed version of their true emotions. We are the modern day pamphleteers, whether it be through print, television or any other type of media; if you voice what you say and questions what others do, then you are helping!! So, remember, keep your eyes open and don't just plug into the vegetable establishment!

Blacklisted! 411 Monthly BBS listing

This is the end of our technical support BBS listing from the last two issues. This is only a listing of companies starting with R-Z! Needless to say, you will find on the following pages, a few useful tech. support BBS numbers listed. Our entire compilation of these support BBS's is quite large. This is why we've decided to break it up over a few issues. Due to the fact that there are very many systems listed, we have not verified the existence of every single one of these systems. If you find any error in number or name on any system listed, please feel free to contact us regarding this. Mail, Fax or Phone in any additions, corrections or deletions to this listing. We do not, in any way, take responsibility for any resulting actions arising from the use of the systems listed. This listing is provided for information purposes only.

Technical Support BBS List (R-Z)

Racal Interlan/Rabbit Soft. MA 508-264-4345 24 NETWORKING CARDS
Race..... FL 305-271-2146 24 RACE USER EDITOR (RA)
Rams' Island Software..... CO 303-841-6269 168 INCONTEXT
Reference Software..... UT 801-225-4444 96 GRAMMATIK
RelayNet National..... DC 301-229-5623 168 RELAYNET MAIL SYSTEM
Remote Control Int..... CA 619-431-4030 24 TELEMAGIC
Revelation Technologies.... WA 206-641-8110 24 ADVANCED REVELATION
Rix Softworks..... CA 714-476-0728 24 PAINT SOFTWARE
Rybs Electronics..... CO 303-443-7437 24 MEMORY MANAGER
Saber Software..... TX 214-361-1883 144 SABER NETWORK MENU
Salt Air BBS..... UT 801-261-8976 288 PCBOARD BBS SOFTWARE
Samsung Info Systems..... NJ 201-691-6238 24 COMPUTERS/MONITORS
Santronics Software..... FL 305-248-7815 168 SILVER EXPRESS MAILDOOR
SEAboard..... NJ 201-473-1991 96 ARC,SEADOG,AXE
Seagate..... CA 408-438-8771 144 HARD DRIVES,CONTROLLER
Searchlight Software..... OH 216-631-9285 144 SEARCHLIGHT BBS SOFTWARE
SemWare..... GA 404-641-8968 96 QEDIT DOS EDITOR
SFE Systems USA..... AL 205-650-0107 144 SOFTWARE-SCHOOL/INDUSTRY
Sharp..... GA 404-962-1788 168 SCANNERS/COMPUTERS
Shiva Corporation..... MA 617-273-0023 144 FASTPATH 4, BRIDGES
Shiva Systems Inc..... KY 502-893-6360 144 PIQUE, TBBS DOORS
Sitka Corporation..... CA 415-769-8774 24 TOPS NETWORK OS
Sierra Online..... CA 209-683-4463 144 GRAPHIC ADVENTURE GAMES
Sigma Design..... CA 510-770-0111 24 VIDEO BOARD, MONITORS
Silicon Valley Computers... CA 415-967-8081 24 COMPUTERS
Sitka..... CA 510-769-8774 24 FLASHCARD
SMS Technology..... CA 510-964-5700 96H HARD DISK CONTROLLERS
Sofnet..... GA 404-984-9926 24 FAX SOFTWARE
SoftArc Inc..... ON 416-609-2250 144 FIRSTCLASS BBS FOR MAC
Softklone..... FL 904-878-9884 144 MIRROR III, TAKEOVER
Softlogic Solutions..... NH 603-644-5556 24 DISK OPTIMIZR,DOUBLE DOS
Softronics..... CO 719-593-9295 24 SOFTERM PC
Software Products Intl..... CA 619-450-2179 24 OPEN ACCESS, WINDOWBASE
Software Security..... CT 203-329-7263 24 SOFTWARE COPY PROTECTION
Software Store Products.... NY 516-589-4984 144 INVOICE STORE/VIDEO STORE
Software Support..... CA 408-439-9096 24 GENERAL SOFTWARE SUPPORT
Software Venture..... CA 510-849-1912 24 MICROPHONE SOFTWARE
Solectek Accessories..... CA 619-450-6537 144 FAX/MODEMS, AUTO SWITCHBOX
Solutions Systems..... MA 617-237-8530 24 BRIEF SOFTWARE
Sony Electronics..... CA 408-955-5107 144 MONITORS, STORAGE PRODUCTS
Sound Source Unlimited..... CA 805-373-8589 144 SOUND PRODUCTS
SparkWare..... TN 901-382-5583 168 QMAIL DOOR/READER
Spectra Publishing..... CA 408-730-8326 24 POWERBASIC SOFTWARE
Spectrum Holobyte..... CA 510-522-6480 144 GAME SOFTWARE
SprintNet..... VA 800-546-1000 24 NETWORKING, PC PURSUIT
Stac Electronics..... CA 619-431-5956 144 STACKER HD SOFTWARE
Standard Microsystems Corp. CA 714-707-2481 24 METWORKING PRODUCTS
Star Micronics..... NJ 908-572-5010 144 STAR PRINTERS
STB Systems..... TX 214-437-9615 168 VIDEO CARDS
Storage Dimensions..... CA 408-944-1221 144 STORAGE DEVICES
Streamline Design..... ON 905-793-1411 288 SDP, VISUALINK, CLICKCOMM
Summit Memory Systems..... CA 408-439-6774 24 TAPE BACKUPS
Sunrise Software..... GA 404-256-9525 24 SUNRISE DOOR SOFTWARE
Sunriver..... TX 512-835-8082 24 UNIX SYSTEMS
Supermac Software..... CA 408-541-6190 24 SPECTRUM BOARD,MONITORS
Supra Corp..... OR 503-967-2444 288 MODEMS
Sydex..... OR 503-683-1385 24 SHEZ
SyDOS..... FL 407-994-4367 144 OPTICAL MEDIA PRODUCTS
Symantec..... CA 503-484-6669 144 NORTON,PCANYWHERE

Synopsys..... CA 408-970-3719 144 S3 VGA & OTHER VGA CARDS
Sysgen..... CA 408-946-5032 24 DRIVE CONTROLLERS
Systems Compatibility..... IL 312-670-4239 24 SOFTWARE BRIDGE, TOOLKIT
Syquest..... CA 510-656-0473 96 REMOVABLE MASS STORAGE
Swan Technologies..... PA 814-237-6145 144 SWAN COMPUTERS
T.A.G. BBS..... MI 313-582-6671 168 TAG BBS SOFTWARE
Tallgrass Technologies..... KS 913-492-8757 24 CONTROLLER/FILESECURE
TEAMate..... CA 213-318-5302 144 TEAMATE UNIX BBS
Technology Concepts..... OR 503-691-5199 144 FAX LINE MANAGER
Tecmar..... OH 216-349-0853 144 TAPE BACKUPS
Tektronixs..... CA 408-685-4504 144 PRINTERS/PLOTTER PRODUCTS
Telebit..... CA 408-745-3861 144 MODEMS
Telix Support..... NC 919-481-9399 144 TELIX COMM SOFTWARE
Template Garden Software... NY 212-627-5089 96 THE DOCUMENTOR
Texas Instruments..... TX 512-250-6112 24 PRINTERS,CPUS
TheSoft Programming..... CA 415-581-3019 24 THEDRAW ANSI SOFTWARE
Thomas Conrad..... TX 512-836-8012 144 NETWORKING CARDS
Thumper Technologies..... OK 918-627-0059 24 EZ-READER
Thunderbyte USA..... TN 615-442-2833 144 THUNDERBYTE ANTI-VIRUS
Tiara Computer Systems..... CA 415-966-8533 144 NETWORKING CARDS
Timeline Software..... CA 415-892-0408 24 SCHEDULERS
Timeslips..... MA 508-768-7581 24 TIMESLIPS SOFTWARE
Tool Technology..... CA 415-289-7414 144 WINTOOLS
Tops microsystems..... CA 510-769-8774 24 NETWORK OS/EMAIL
TopSoft Software..... KY 502-425-9941 168 BBS DOORS,TOPED
Toshiba Printer Products... CA 714-538-3000 24 PRINTERS
TouchStone Software..... CA 714-969-0688 144 CHECK IT SOFTWARE
Trantor Systems..... CA 510-656-5159 24 PARALLEL SCSI/VIDEOCARD
Traveling Software..... WA 206-485-1736 144 LAPLINK, BATTERY WATCH
Trident Microsystems..... CA 415-691-1016 24 VGA CARDS
Trio Information Systems... NC 919-846-4987 144 DATAFAX OCR
Triton Technologies..... NJ 908-855-9609 144 CO/SESSION
Trius..... MA 508-794-0762 168 ASEASYAS SPREADSHEET
True Vision..... IN 317-577-8783 24 DISPLAY ACCELERATOR
TSR Systems..... NY 516-331-6682 24 PALCOM-PARADOX COMPILER
Turbo Tax..... CA 619-453-5232 24 TURBOTAX SOFTWARE
TurboCom..... OR 503-482-2633 144 COMM DRIVER FOR WINDOWS
Turtle Beach..... PA 717-845-4835 144 WINDOWS SOFTWARE
UltraStor..... CA 510-623-9091 24 MASS STORAGE INTERFACE
Unicorn Software..... IN 317-784-2147 24 UNICORN SOFTWARE
UniNova Service Corp..... WA 509-925-3893 168 HARDWARE/SOFTWARE
US Robotics..... IL 708-982-5092 168 MODEMS
US Sage..... FL 417-331-7433 24 MAINLAN NETWORK
ValuStor..... CA 408-945-8376 FLOPTICAL/TAPE BACKUP
Velocity..... IL 708-991-0597 24 SOFTWARE
Ven Tel..... CA 408-922-0988 144 MODEMS
Ventura Software..... CA 619-673-7691 144 VENTURA PUBLISHER
Vermont Microsystems..... VE 802-655-7461 24 HIRES VIDEO BOARDS
Video Seven..... CA 510-656-0503 144 VIDEO CARDS
Viewsonic..... CA 909-468-1241 24 MONITORS
Virex..... NC 919-419-1602 144 VIRUS DETECTION
Virgin Software..... CA 714-833-3305 144 ENTERTAINMENT SOFTWARE
Virtual Technologies..... TX 210-787-8974 144 VIRTUAL BBS & UTILITIES
Visual Business Systems.... GA 404-953-1613 24 VIDEO
Volkswriter..... CA 408-648-3015 24 VOLKWRITER SOFTWARE
Vortex Systems..... PA 412-322-3216 24 RETROCHRON BACKUP
Wacom..... CA 415-960-0236 24 GRAPHIC TABLETS
Walker,Richer, & Quinn..... WA 206-324-2357 96 TCP/IP SOFTWARE
Walt Disney Software..... CA 818-567-4027 24 CHILDRENS SOFTWARE
Wangtek..... CA 805-582-3620 96 TAPE DRIVES
Wantree Development..... MO 913-441-0595 144 REMOTEACCESS BBS
Weitek..... CA 408-522-7517 24 MATH COPROC
Western Digital..... CA 714-753-1068 144 CONTROLLERS,HARD DRIVE
White Water Systems..... IL 708-328-9442 24 ZORTECH, ACTOR
Whole Counsel Ministies.... VA 804-590-1659 144 BIBLE DOORS/NETWORK LISTING
Willow Peripherals..... NY 718-993-2066 24 LAPTOP TV/PUBLISHER/VGA TV
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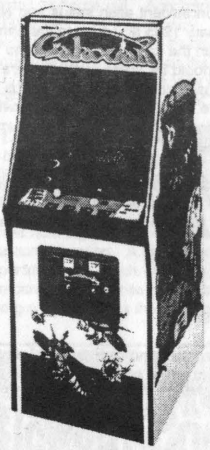

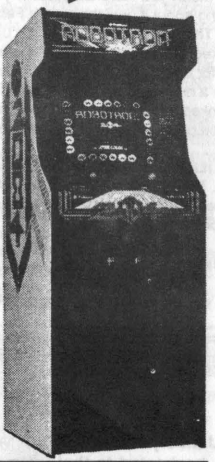

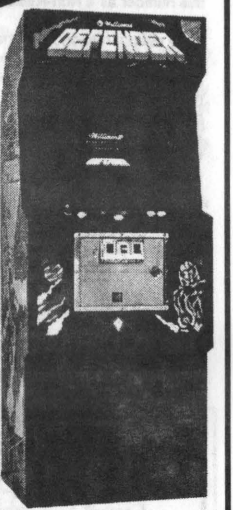

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HOW TO GET A BANK ACCOUNT WITHOUT A SOCIAL SECURITY NUMBER

BY KRC

This account was opened seven years ago with a Employer Identification Number (EIN) which is a tax identification number(TIN). Banks will always insist on you having a tax identification number which most of the time is your social security number(SSN). It was opened as a business savings account. This was Security Pacific Bank which was gobbled up by Bank America. Last year I opened a checking account and used my savings account as a bank reference. When I opened up this account, I opened it as a Citizen of the California Republic and claimed nonresident alien status for this account and declined to give any Tax Identification Number. They opened up the account but linked it to my savings account with my TIN from the savings account.

In June 1994 I filed papers with the IRS declaring my status as a Citizen of the California Republic which is classified in the Internal Revenue Code as a nonresident alien. I gave the IRS 30 days to refute my 8 pages of arguments and that if they failed to respond or refute the specific points made that under their own law the Uniform Commercial Code (UCC) my statements will stand as truth and thereafter the Doctrine of Estoppel by Acquiescence will prevail. They have not responded, not in July 1994 or even now in 1995. In August 1994 I mailed this declaration of State Citizen status along with a letter explaining that since the IRS has failed to refute the arguments in the 8 page declaration that these arguments now stand as lawful truth.

I also submitted a W8 Certificate of Foreign Status and claimed the status of Nonresident Alien Individual and Exempt Foreign Person status. This allows you to open a bank account without a social security number, or any other Tax Identification Number. I also submitted a in lieu of W8 form that essentially expands the W8 with more specific arguments. I mailed the Declaration, the W8 and expanded W8 and a letter explaining all the above and gave them 30 days to accept or reject all of the above and that failure to respond will mean you have accepted my status of nonresident alien status and will remove my TIN from my bank account or substitute my Nonresident Alien Identification number. When I submitted my declaration to the IRS I scrambled my Employer Identification Number to make a 99 Nonresident Alien number and told the IRS to check out this number and see if it belonged to someone else and that failure to deny me this number within 30 days means I am free to use this number as a Non-Resident Alien Identification Number (NRAI).

They did not respond and therefore did not deny this number. I submitted this number to Bank of America to replace my Tax Identification Number. I gave Bank of America 30 days to accept my NRAI number to replace my TIN number and that failure to respond or refute all of these points within 30 days will mean you have accepted my nonresident alien status and NRAI number. I never heard from Bank of America and did nothing about it until this month February 1995 and went to the bank in person to inquire what my Tax Identification Number was. The bank officer looked me up on the computer and saw no Tax Identification Number, not even my NRAI number and looked worried, she thought there should be some number there but read further and looked relieved because the reason given for no number was I had the status of nonresident alien status and asked me if my status has changed and would I like to give a number now? She also told me this applied to both the savings and checking account. I said no it has not changed and thanked her for the information. Having a W8 account with no number is better than having a W8 account with a NRAI number, The outcome was better than I expected.

Trying to open a W8 bank account without a social security number is almost impossible because the bank officers and clerks at the bank will not understand what you are talking about. If you try and fail to open a W8 account open it up the way they want you to open it up give them your social security number and then amend your account through the mail. Here are the steps to get your bank account without any Tax Identification Number:

1. Start with a conventional bank account with a social security number.

2. Buy Vultures in Eagle's Clothing by Lynn Meridith, order your book through me for $42.95.

3. Submit your Declaration of Sovereign status to the IRS and include a made up NRAI number and give them 30 days to refute the points made and accept or reject your NRAI number and that failure to respond and refute and deny within 30 days

Deadlines:

Articles, display advertising, classifieds for the January 1996 First Quarter issue must be received by December 1st, 1995. Subscriptions can still be backdated to the January 1995 First Quarter issue, if preferred. Supplies are being used up quickly, so if you need to get any second volume issue, you had better hurry up and request it. Remember, you may fax in your order, call it in or write us. We accept Discover, AE, Visa and MC.

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will mean the arguments made will stand as truth and that you are legally and lawfully free to use your NRAI number and the Doctrine of Estoppel by Acquiescence will prevail thereafter. You can get these declarations through me for $25.00

4. Wait 60 days for a response from the IRS. Very likely you will get nothing from them.

5. Get your expanded custom tailored W8 though me for $10.00.

6. Submit your Declaration of Status, W8, expanded W8 with your NRAI number, and cover letter to your bank through certified mail return receipt requested.

7. Wait 60 days and go to your bank and inquire what your tax identification number is. Hopefully, you will have no tax identification number on your account.

8. Let me know if this worked for you.

Send inquiries to KRC
4102 E 7th Street #118
Long Beach, California Republic
Postal Zone 90804
These united States of America
(310) 436-9604

Selections from Green Dragon Tavern

Message #15
From: Tavernkeeper 1
To: All
Date: 08-29-91 07:07:07
Subject: THE BASICS

Those of us who are studying law for the purpose of re-establishing our primary Citizenship of a state sometimes get too far ahead of everyone else, and we somehow assume that you are supposed to instantly know all of the legalese that it took us months to figure out. Accordingly I am making this post to give people new to this issue some background. IN THE BEGINNING.....of this country, July 4, 1776 ... thirteen colonies of the British Crown declared their independence. They fought a long, costly, and bloody war, and the homegrown, homespun militias of the 13 colonies managed to beat the most formidable military power on the planet at the time. The cause was just, and God raised up allies for us, including the French. In 1783, at the end of the War for Independence, the 13 former colonies of the Crown WERE NOW 13 SOVEREIGN AND INDEPENDENT NATIONS, EACH HAVING ITS OWN CITIZENS. They were a confederation, loosely knit.

In 1787, a convention was called to resolve the problems of the alliance of the 13, and the result was the Constitution. The 13 became a Federation. But, THEY WERE STILL 13 SOVEREIGN NATIONS, EACH WITH ITS OWN CITIZENS. LEGALLY SPEAKING EACH OF THE SOVEREIGN NATIONS IN THE FEDERATION TODAY (now there are 50, as in 50 States United) STILL HAS ITS OWN CITIZENS.

I must now digress and define a few terms. A Confederation is a league or alliance. For instance, one could say that NATO is a confederation. A federation is defined as the formation of a political unity, with a central government, by a number of separate states, each of which retains control over its own internal affairs. I must also point out the difference between a democracy and a limited Constitutional Republic. In the Republic envisioned by our founding fathers, the individual had rights. The govt. recognizes that God created man and endowed him with certain unaliable rights, such as Life, Liberty, and the

(Continued on Page 23)

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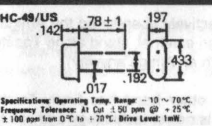

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Amiga Section

By Major Coyote

News

Well, Escom has been about and doing things, although it is hard to tell if they are doing all the right things or not. On July 21, they had a meeting in Philadelphia, PA, with the U.S. Distributers. This of course is a good thing, however, the results of the meeting were somewhat less positive than we'd all hoped. Among the people there were Escom (of course), Micropace, Software Hut, Centaur Development, and CEI, among others. At least we have good representation from the loyal existing developers and dealers. Naturaly, one of the big topics was the A4000T and what it might cost. Nobody was happy with the rumored $3500 price tag. They discussed what the price ought to be, and how many they thought could be sold in the U.S. Later in August they had another meeting in the UK.

So lets get down to the facts:

- ✔ The A4000T will be available in the U.S., and apparently is even going to be manufactured here. They should be available in the first week of September.
- ✔ No solid manufacturing numbers are known, but the numbers 20,000 to 40,000 have been mentioned at various times.
- ✔ The price should be well under $3000, but nobody has solid prices yet. The dealers know what their cost will be, and apparently they are pleased. Actual street price will probably depend on what the dealers decide to do.
- ✔ Configuration will be the A4000T with either an 040 or 060, 500MB to 1GB harddrive, and 6 megs ram. The A4000T also includes the fast SCSI-II port, more slots, and more drive bays over the original A4000. The 060 model should be available in November.
- ✔ At this point, Escom is not planning on spending ANY money for advertising in the U.S. You read right.
- ✔ They will be making around 100,000 A1200's for the European market, 40,000 of which have been pre-ordered by an unknown buyer. They will be built in France by a U.S. based company.
- ✔ Configurations will include the basic model we had before, plus a package system with a 170MB harddrive and Scala MM 300 software, and some other applications like WP and such, for 499 UKP. Basic system with software, but not Scala, is 399UKP.
- ✔ There are no plans to bring A1200's to the U.S. market, nor A4000T's to the European market. Although they have implied that machines could be imported if there really is a demand for them.
- ✔ The A1200CD unit is "not a priority".
- ✔ They have however said that, for "the entry-level model" (A1200?), they are looking at external CD-ROM's and more on-board RAM. This is something that should be considered hi-priority. And it's easy to do.
- ✔ The CD32 is basicly dead ("not a priority"). They say there is no market for it, period.
- ✔ A company called 'Visacorp' is planning on marketing a "set top" box using CD32 technology. They have prototypes already. Hopefully they will be successfull in the U.S. with this.
- ✔ NewTek has effectively abandoned the Amiga. They're not planning on making more VideoToasters for the Amiga. They now have an external, stand alone Toaster that can be controled from a PC (there's no particular reason it won't work this way with an Amiga anyway).
- ✔ Centaur on the other hand has finaly finished their "Video Processor/Roaster" chip for the Opalvision board. Considering this is newer technology and has to compete with the Toaster, it may very well be more powerfull. Maybe NewTek was scared.
- ✔ Commodore's Full Motion Video (MPEG) card, which was in working prototype form, is also dead ('low priority').
- ✔ Commodore's DSP technology, which was in working prototype form, is also dead ('low priority') as far as we can tell.
- ✔ God knows how many other awesome pieces of hardware Commodore made that Escom are not willing to produce.

If some of this scares you, it should. It seems to me like Escom is out to make a quick buck. But, I do have the feeling that they will be more responsive to the users than Commodore was. So, let them know how you feel.

"Multimedia players"

Companies are still trying to cash in on the multimedia-console market. Magnavox and Philips are still pushing CD-I technology, and Apple are working on a new multimedia box based on (yuck!) Mac technology. If there's a market for these $500 devices, then I say there's a market for the CD32 (or some derivative). Remember that this is a consumer market and

potentialy very large.

If Magnavox can sell a cheesy looking CD-I console for $499 stinkin' bux, surely Escom can sell CD32 consoles for less then that. And what's more, the CD32 can bash the CD-I with it's 32 bit processing. The commercials for CD-I show it as some amazing, all in one box that can play games and run educational software and such. Well, CD32 can do all that AND become a full fledged computer. They even had the nerve to say "CD for your TV"; I wonder if they were aware of Commodore's CDTV?

Magnavox's CD-I apparently includes an MPEG decoder to play the CD-I VideoCD's which are different from the standard for VideoCD -- CD32+MPEG can play both. The CD32 plus MPEG sells for less, and with Escom making lots of new units, the price could be even less. And lets bring back the CDTV name. Lets make the CDTV more geared towards education and computing uses, with the CD32 a console. CDTV would have the MPEG module built in to make it more competitive with the CD-I and Apple's Pipin. CD32 may not be able to compete with the power of a 3DO, but it can certainly kill the CD-I. Apple is apparently also working on a CD based console type machine along the lines of CD-I and CDTV, called "Pippin", and it would cost around the same as the CD-I -- $500. It's based on the PowerPC chip, and it runs some kind of stripped down version of MacOS. It has 6MB of ram, which I imagine is barely enough to do anything with. The CD32 could beat every machine in the low price catagory.

Think about it. Due to the Amiga's highly efficient OS, it doesn't need as much ram as Apple's Pipin would -- 2MB is probably equivalent to the 6MB that Pipin needs. That saves $130 (US $) or so in DRAM costs alone. The Amiga has the best multimedia software selection for developing applications. And properly written software is 100% compatible between the CD32 and the Amiga. In recent ads, CD32's are being advertized at around $250! I don't know if they actualy have any stock of them, but considering demand, they must be priced to make money. Escom should be able to sell the CD32 for around $250 (the original CD-I didn't even have a double speed drive, I wonder if Magavox's does?). Beef it up with a 28Mhz 030 and some fast ram for a $500 model (maybe even a 20Mhz EC040?).

Nobody would be able to make a machine as nice for multimedia for under $300. The CD32 has a powerfull operating system that is very small and efficient and has lots of development tools already. The graphics are not up to what a 3DO or Jaguar can do, in terms of fancy texture mapping and such, but it can do hi-res modes making it more suitable for educational purposes and expansion into full desktop computers.

"New" Amigas

Escom has said they will get current Amiga models back into production ASAP. That's a good first step. But they don't seem to be interested in bundling them with cool "new" stuff. This is an easy, cheap, and quick way to improve the Amiga. The most obvious, and easy addition, is a CD-ROM. If Escom won't do it, then I suggest the following: Developers, distributers and dealers should get together and set some "standards" for Amiga systems, and then try to sell Amigas configured for those standards. Software and hardware could be sold as being for some particular "standard" Amiga. For instance, a "multimedia standard" Amiga might include a double speed CD-ROM, 6MB ram, etc.

Oh, and a little marketing tip: Apple has been claiming their 040 based Macs are "50/25Mhz" or "66/33Mhz". Of course we know that 040's are not clock doubled internaly (at least, not like Intel DX2's are), even if they perform like they were. But if Apple can say that, then Escom can say that about the Amiga. So, the A4000 should claim that it has a "50/25Mhz 040", or "80/40Mhz 040", or "100/50Mhz 060".

Include an IDE "ATAPI" CD-ROM standard with the A4000, and as a standard packaged "A1200-CD". Why IDE? What's "ATAPI"? These are what IBM clones use. They are CHEAP, and plentifull. 2x speed drives are under $99 US. There is a driver in the public domain (it's actualy shareware) that lets you use these drives with the built in IDE ports on the A4000/A1200/A600. An optional custom cable lets you use four IDE drives, as well. This should be liscensed for inclusion on the Amiga. Include a 4x CD-ROM drive on the A4000, and at least a 2x drive for the A1200. Of course, Amiga's should all come standard with decent sized hard drives. The A4000 could come with a 540MB HD or larger IDE drive, they are cheap and have gone done in price significantly since the A4000 came out.

Escom should aquire a good accelerator board design from a third party, and release faster A4000's based on these (a 40Mhz 040, and a 50Mhz 060 system is a good start). Maybe call them A4500's. Alternatively, they can just endorse particular cards and let dealers buy individual parts of Amiga systems and configure them with the recomended third party cards (or whatever the user wants).

So in the short term we should have something like this as the Amiga line up:

A1200-CD: Amiga 1200 with IDE CD-ROM drive (external), AmigaOS 3.1, CD32 "emulation" software, "built in" harddrive. Lots of goodies on CD -- PD software for Internet access, multimedia stuff, etc. Should be priced around $500 US.

A4000LC: A4000 with an LC040 CPU, 540MB hard drive, internal IDE CD-ROM drive (2x), 4MB ram, AmigaOS 3.1. To be competitive with similar Mac systems, this thing is going to have to be priced around $1000 US.

A4000/060: A4000 with 50Mhz 060 CPU board, 6MB ram, CD-ROM (4x), 850MB HD. To compare well with Pentium and PowerPC systems, this has to cost around $2000.

A4000T/060: Like above, but with 10MB ram, SCSI-II, and lots of expansion ability. $2500.

Now, I could be way off in my estimates of price here. It may not be possible to sell them at these prices. I'm just pointing out what they *should* cost in order to make them popular.

Phase two:

Develop new generation Amigas as quickly as possible to be competitive with Macs and PC's. Unfortunately, it seems that a conservative estimate of the time it would take to complete AAA or anything similar is 18 months. So, instead, I propose an intermediate solution.

On the low end, we have the A1200. Not a bad little machine, but it needs a little more. Make it a little bigger, so that there's room inside for a 3.5" harddrive. Lets get a SIMM socket in it for up to 8MB of fast RAM, a socket for a math co-processor, and for crying out loud, a built in real time clock chip. Might as well put in the CD32's Akiko chip, and offer an external CD-ROM drive (making the system 100% CD32 compatible). Finaly, give it a 21.4Mhz EC030 processor (socketed). 21.4Mhz? That's three times the standard 7.14Mhz Amiga clock rate -- 1.5 times as fast as the current A1200. Keeping the clock at a multiple of 7.14Mhz makes the design a bit simpler (the A1200's CPU is actualy a 16Mhz chip); 21.4Mhz is pretty close to the standard 25Mhz EC030 part. This new A1200 would be over three times faster than a stock A1200 today.

In the mid range, we have a perfect candidate that Commodore was too stupid to make: The Amiga 3000+. This wonderfull machine that never happened was the original A4000 prototype. Basicly, it was an A3000 but with AGA and a DSP built in. This machine should be brought back from the dead and released. It's already been designed, it just needs to be polished off and released.

For the high end, we need something better than AGA. In order to maintain compatibility, this machine will have to have the AGA chipset. But lets build in an existing graphics chip set -- one of the newer 64 bit SVGA chipsets. Lets have the Amiga graphics passed through, like some Amiga graphics cards do, so that you could see Amiga AGA screens and SVGA screens as if they all came from one chipset. Include system software that retargets graphics to the SVGA chipset (Cybergraphics?), and sound to the DSP (a new audio.device, maybe a 'dsp.library' or whatever so programers can use the DSP). Include software that uses the DSP to do JPEG compression, and other cool things.

Throw in a 68060 CPU for power, and stuff it all into a killer tower case. Don't forget a SCSI-II controler, and a fast serial port. The thing here is that all this stuff already exists and works, but you have to buy it all separately and stick it together.

So, our phase two lineup looks something like this (available sometime next year):

A1300: 21.4Mhz EC030 CPU, 4MB ram, CD-ROM (external), 120MB HD. $600.

A4400: 40/20Mhz LC040 CPU, DSP, SCSI-II, CD-ROM. $1500.

A4400-40: 80/40Mhz 040, "", $1700.

A4500T/060: 100/50Mhz 060 CPU, DSP, SCSI-II, 64bit SVGA graphics, CD-ROM. $2500.

Phase three:

This won't be able to happen for some time, unfortunately. There seems to be some debate whether it is worth the trouble to finish the AAA chipset, or the "3D RISC" chip that they were working on as a post AAA system. I like features of both chipsets, and I think they should take the best of both to create the next generation Amiga.

The 3D RISC system was to be based on a customized HP-RISC CPU. That sounds like a good core for a new chipset. But lets keep parts of AAA: Hi-resolution graphics, VRAM, blitter, fast floppy port, fast serial ports, etc. There isn't much need for the 16 bit 8 channel audio system, if we have the DSP, but it probably wouldn't hurt to have it.

It may be a better idea just to use one of the newer 64 bit (128 bit?) SVGA chipsets. This in combination with the DSP would probably be able to do everything Amiga users have come to expect. Remember that SVGA would be much less limited when running AmigaOS.

With this all new chipset, we might as well switch to a new CPU. By this time, things should have settled a bit in the industry. Perhaps the PowerPC is the best choice of CPU. With all this new stuff, we can take the oppurtunity to add things like full RTG, MP and VM, extensive new GUI objects, etc., to the operating system.

It is pretty hard to speculate about this system. I still insist that AAA/3D-RISC would be competitive. No other system would have all the features of this chipset in such a compact and finely tuned architecture. Lets look at what this system might look like (this is of course pure speculation and wishfull thinking):

Motherboard:

PCI slots (and Zorro III for backward compat).
64 bit RAM (pairs of 32 bit SIMMs)
PowerPC CPU, 100+Mhz RISC. Possibly on a CPU card like existing Amigas.
DSP: 32 bit floating point, 33MFlops.
EIDE and SCSI-II.

Custom integrated MultiMedia chipset:

1280 x 1024 resolution.
Full support for NTSC/PAL/HDTV graphics.
HAM8, HAM10 (24 bit!), 16 bit, 24 bit modes.
Chunky and planar modes.
Blitter (can do mathematical operations, scaling, texture mapping).
Sprites.
Advanced true co-processor.

16 bit sound.

Quad Density floppy support (3.5MB).
CD-ROM support.

Two high speed DMA driven serial ports.
Joystick/Mouse ports.

Operating system:

Pre-emptive multitasking.
Memory protection and Virtual memory.
Object oriented GUI.
Datatypes.
Interprocess communication.
System script language (ARexx).

I think such a system would still compare favorably with competing systems.

COOL STUFF

✔ The Motorola 68060 @50Mhz is 20-30% faster than a Pentium at 90Mhz running NewTek's Lightwave 3D. (but of course, we always knew that Motorola's were more efficient, now didn't we?)

✔ If want to use an IBM keyboard on your Amiga, there's a little device called the "SwitchHitter" that lets you use any IBM keyboard on your 2000/2500/3000/4000 and CD32 (it could be hacked into the A500/A1000, just that these machines have different keyboard connectors). It's only $45 including shipping. Contact:

Name: Dana Peters
Address: #7 - 49 Sherway Drive
Nepean, Ontario
Canada K2J 2K3

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HOW TO GET A BANK ACCOUNT WITHOUT A SOCIAL SECURITY NUMBER

(continued from page 15)

persuit of happiness. The only legitimate function of govt. is to protect those rights. The individual is sovereign (every man a king in his own house) and the govt. is servant to the sovereign. A democracy is totally different. In a democracy, there is no recognition of a Supreme Being having created man with unaliable rights. The individual HAS NO RIGHTS IN A DEMOCRACY. A democracy is simple majority rule. If the majority decide that they don't like people with short hair and red bow ties, they levy a tax on that particular group. Six wolves and a sheep voting on what to have for dinner is an example of democracy in action. My own favorite example of a democracy is a bunch of people on an overcrowded lifeboat trying to decide who gets fed to the sharks. In any case, the individual no longer counts, but becomes subject to the will of the majority, which is supreme.

The will of the majority is the govt. Therefore, the govt. is no longer servant to the people but a master. The result is always a tyranny and a dictatorship. THE COMMUNIST COUNTRIES BY THAT DEFINITION HAVE ALWAYS BEEN DEMOCRACIES. That is what is meant by a "Peoples Democratic Republic."

Back to the history lesson. The 13 sovereign nations that formed the federation each jealously guarded their sovereignty. Therefore, not one of them was willing to let any of the others be the seat of the federal govt. So, Virginia donated a 10 square mile piece of land for the seat of federal govt, which was now not part of any of the several states of the union. It is called, alternatively, Washington DC or the "United States." The "United States" was never intended to be a state nor was it intended to have any of the rights of any of the several states. It was just supposed to be the seat of the federal govt. The federal govt. was a govt. of very, very limited powers. Mainly, it was the foreign agent of the several states, so that we could bargain collectively with foreign powers.

The US constitution placed heavy chains on the federal govt, but there was on flaw in the armor and that is, THERE WAS NO LIMIT PLACED ON HOW THE FEDERAL GOVT. WAS TO DEAL WITH ITS OWN INTERNAL AFFAIRS WITHIN THAT 10 SQUARE AREA (known alternatively as Washington DC or the United States).

Article I, section 8, clause 17 of the US constitution granted congress an exclusive legislative jurisdiction over the 10 sq. mile area known either as Washington DC or the "United States." That means, a simple majority rule over the internal affairs of that area, and that is of course a democracy. The "United States" was therefore a democracy waiting to happen. What it lacked was its own citizens.

In 1868, the 14th amendment to the US constitution was passed to give the newly freed black slaves a form of citizenship. With the exception of Pennsylvania and one other state, whites only were Citizens of the various states. The "United States" did not have any authority to interfere in the internal affairs of any of the several states of the union, and therefore had no authority to force any of the states to grant the freed slaves a Citizenship of the state. The only authority the "United States" had was to make the blacks "United States citizens." These citizens (small c) HAVE NO RIGHTS. Being citizens of a democracy, they are servant to government. They can only have privilege, which is revokable at the whim of congress. A citizen (small c) of a democracy does not have an absolute right to own property. All property is collectively owned by the state (the majority rule.) So, the 14th amendment created a new, second class of citizenship (small c). Although created for the freed black slaves, the vast majority of us today are US citizens under the 14th amendment. How did that happen?

There are several ways in which someone who is born a free, white Citizen of any of the several States United becomes a "US citizen." But, I will cover here the main culprit. In 1935, the Social Security act was passed. There are those who will argue that the act was as unconstitutional as hell. I agree. But, the original act, as passed, was still relatively benign. Each state had control over their own social security program. But, in 1939, social security metastasized (spread, got cancerous) when it was federalized, via the Public Salary Tax Act. ANYONE WHO CHOOSE TO KEEP HIS SOCIAL SECURITY NUMBER AT THIS POINT OR EXERCISED A BENEFIT UNDER SOCIAL SECURITY, WAS NOW CONSIDERED TO BE A "US citizen" AND NOT A CITIZEN OF A STATE. (see BASICS PART II)

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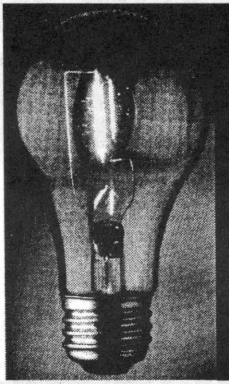

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This is a two page book review on how to legally and safely volunteer out of the voluntary income tax. People have paid thousands of dollars on restoring their sovereign status. This book has all that information in one place and proves that beyond a reasonable doubt that most of us are already sovereigns and do not have to do something to become a sovereign. This book is entertaining, and easy to read and understand. It will heal your fears and lay a fire under you to take action with confidence and certainty. It has letters in it that make the IRS back off and leave you alone. It contains recent court cases where sovereigns have won in court. It has freedom papers in it to safely declare your sovereign status. It has information on the Uniform Commercial Code which is the real law the government operates under and shows you how to use it against the government. Read this review and then get the book.

ZIP CODE USE INVOKES FEDERAL JURISDICTION

This is Vol. I, No. 6 of THE PATRIOT. This article goes into the reasons why zip code use invokes federal jurisdiction. Zip Code use is voluntary. You should also know that the Postal service cannot discriminate against the non-use of the ZIP Code. The government tells you that use of the zip code speeds the mail but that is not the real reason. By using zip-codes you are stating that you are a subject of Congress and a citizen of the District of Columbia who is resident in one of the several States and put yourself in the federal zone. This article encourages you to become a State Citizen who is not within the purview of the MUNICIPAL LAWS of the District of Columbia. If you are using a ZIP code, you are in effect saying openly and notoriously that you do not live in the State of California, but, instead are a resident in the California area of the District of Columbia (a federal district). Get this very valuable one page document. $1.00 [ ].

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New Crypto Chip Designed

AT&T Bell Laboratories and VLSI have entered a non-exclusive agreement to develop a new commercial cryptographic chip. The plan indicates waning support for the government mandated Clipper data-encryption chip. The new cryptographic chip, which is not mandated by the U.S. Government, but meets government standard for security, has industry insiders speculating whether VLSI, the manufacturer of the Clipper chip, and AT&T, a supplier of Clipper equipped phones, have stopped supporting the infamous chip. The Clipper chip is known for its ability to unscramble encrypted transmissions with a digital key possessed by the government for "national security" purposes. This capability has stirred a "Big Brother" controversy among several civil rights and engineering organizations. This new proposed chip design has no such "known" back doors.

This move has some industry observers believing there is no market for the government endorsed Clipper chip. The data supports this conclusion, with only 1,000 clipper chips sold last year according to James Bidzos, president of RSA Data Security, Redwood City, CA that licensed the technology to both companies. "Companies are not going to get into a market unless it is a sizeable one", he said. The two supporters of the new chip believe that it will entice the commercial and consumer areas more than the ill-recieved Clipper chip.

The chip is designed to be used to protect data that is being sent over wireless networks, over the Internet, on cellular phones, or other wired data systems such as cable TV. The VM06868 single chip encryption system is based on public key encryption where the digital key itself in used in the data encryption. Without this key, the data encrypted becomes useless and undecypherable. The chip uses a single or triple DES operation which is generally accepted to be virtually unbreakable.

Global information network underused

Several recent unpublished reports claim that the global information highways are using only a small fraction of their potential capacity. The reports studied potential and used capacity on high speed fiber optic circuits in Transatlantic, Transpacific, and other international lines serving western Europe.

A report never released to the general public commissioned by Comsat Corp., determined that nearly two thirds of capacity on Transatlantic and Transpacific high speed data fiber optic trunks are unused. This number may grow to over four fifths of unused capacity as new trans-oceanic cables are brought on-line over the next 18 months.

Across Europe, sources say, even more capacity lies idle. Operators have declined to comment on how many pairs that are installed in their installed cables, but informed sources suggest most intra-European links include 20 to 40 fiber pairs. Typically no more than six fiber pairs are equipped with electronic lasers and detectors, the rest remain 'dark'. Also many existing lines operate at only 8mbps or 34mbps, when they could be upgraded to speeds of up to 2.5gbps without replacing any installed fiber. Most public operators long distance networks are "generously over-dimentioned' according to a report delivered to the European Commission recently.

Views vary on why there is so much unused capacity. Some suggest that extremely restrictive national regulations limit availability of unused capacity. These regulations make it difficult for companies to lease international fiber optic lines. But it appears that the major hurdle is telecom operators who do not wish to sell their available capacity for fear of competition from alternate telecommunication providers. Telecom operators often refuse to share capacity information, even when attempting to work towards a common goal. METRAN, a project to introduce 155mbps networking throughout Europe is still in limbo after four years of talks. Even RACE, a European Commission funded broadband network program, does not know how much capacity is in the ground.

Unfortunately the victims are numerous. MFS Communications Co. says that every European operator it contacted for 34mbps international circuits turned it down. The companies only high speed digital link is between the United States and the United Kingdom. Other operators have experienced similar problems on the Transatlantic route. Despite the spare capacity

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available, reseller IDB WorldCom Inc. has found it difficult to lease high speed lines on major Transatlantic cables operated by public telecom operators. In fact, sources say that MFS is the only non public telecom operator that has leased a Transatlantic circuit of 34mbps or more.

Even when high speed circuits are available, they are expensive. MFS, for example, was looking for a high speed channel to lease inside Germany, and was offered a 34mbps circuit, but at 17 times the price of a 2mbps circuit. "We want to provide a pan-European interconnect at native LAN speeds, but at that price, nobody would buy" said Thierry Bosser, an MFS representative in Brussels.

Telecom operators have stated that they are only acting as "rational competitors" and if they priced capacity near actual cost, it would destroy their profitability. Joe Baptista, vice president of a European telecom believes that"Leased lines are priced high for competitive, defensive reasons, to prevent resellers from being able to build their own networks at costs that would enable them to compete. In the United States, capacity figures fare much better. Sources estimate about 2000 long distance 45mbps circuits are on commercial leases, compared to fewer than 20 in all of Europe. In the United States, data communication networks are rate tariffed requiring telecom providers to make available unused capacity to alternate network providers.

Ironically, the high prices for high speed wide area networking is encouraging many providers to build their own networks since competitors will be able to price their capacity above cost. The end looser is the consumer, who will paying for multiple under used parallel networks rather than using existing hardware to capacity.

Former FCC Head Predicts Commissions Demise

Al Sikes, chairman of the Federal Communications Commission during the presidency(rein) of George Bush, told the press that in his view the agency will cease to exist in its present form within 5 years. In the future he believes that the FCC will be more involved in straightforward implementation than in resolving high policy issues. Sikes bases his opinion on the feeling that substantial telecommunications deregulation considered by the US Congress is inevitable. The projected free-market, free-for-all atmosphere will make the FCC as it is knows today completely irrelevant. Sikes said "We only need the FCC if there is high policy to deal with. If you are only policing the airwaves to make sure people are using their assigned spectrum, you don't need a Commission:

The World's Largest Indoor Cellular Network

NYNEX Mobile Communications and the New York Stock Exchange have developed the world's largest indoor cellular telephone network. The "digitals microcell" network will enhance trader's productivity on the floor by reducing the time spent going back and forth to banks of phones lining the perimeter of the exchange. Traders will be provided with 500 handsfree cellular telephones that meet the demands of the floor's frenzied environment. "Our network will allow traders to maintain an even flow of business through virtually instantaneous communications anytime, anywhere on the Exchange" said Cyntyhia J. White, executive vice president and CEO of NYNEX Mobile Communications.

Dick doesn't read Blacklisted! 411.....
See Dick DIE!
BE DIFFERENT!
Don't be a Dick!
READ BLACKLISTED!

Cybergridlock Feared

The huge growth in the number of computers hooked up to the Internet could soon face the electronic version of gridlock, as reported by computer industry experts. It is estimated that traffic from the worlds 20 million Internet users is estimated at more than 1 terrabyte of information a day, over 30 terabytes a month, equaling 30 million 700 page novels, and the network is feeling the strain. Experts believe that this problem could reach a critical point in three to five years unless a solution is found. "It wont come on us suddenly like a brick wall, but there will be an ever more noticeable diminution of network speed" said Charles Stancomb, of London based consultancy SRI International. According to Vinton Cerf, labeled "The father of the Internet", and now a senior vice-president at MCI Communications Corp., network congestion has reached a "dangerous measure" because the Internet was still "modest in capacity"

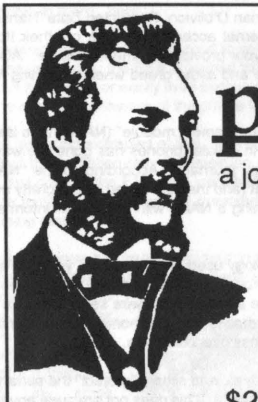
Developed in 1969, the Internet was developed as a way for Defense Department scientists to exchange results between laboratories. In the 1970's and 1980's, it has grown haphazardly across the phone lines with the explosive growth of the personal computer. Despite newly added fiber optic lines, some users are already noticing in network speed. Effects include taking much longer to access Internet Web pages, and download files. The Web with its new Internet pages that include video, audio, and high quality images is only adding to the congestion.

Fifty spoken words digitized, or 3 seconds of video, take up the same about of bytes a 700 page novel. Byte hungry audio and video have become a standard of every software that accesses the Internet. Some operators of Internet trunk lines such as Sprint Corp. is rapidly upgrading their digital circuits to add greater capacity. The expansion is greatest in the United States where Internet use is the greatest. Telecom operators are concerned that Internet traffic could cause bottlenecks on their networks. The proposed solutions usually involve charging users to use the internet itself, that previously has been free, with the only cost being a local phone call and any premium services used, but this added expense is not well received by the current egalitarian culture of the internet. Unfortunately with the business community waking up to the potential of the Internet, some believe it is inevitable in the long run.

Plastic Hard Drives?

Just when you thought glass or ceramic was the latest innovation in hard drive medium, plastic has arrived on the scene. Seagate Technology and Sony Corp are betting on just that. The two companies have announced a joint venture to develop and commercialize disk drives using pre-embossed rigid magnetic (PERM) technology pioneered by Sony. PERM uses a plastic media similar to CD-ROM's and magneto-optical disk drives. The technology calls for a pre-formatted servo, and discrete tracks resulting in expected higher signal to ratio figures, which could result in improved signal densities.

PERM has the potential to allow drives with five times the density of current media. In addition, the new technology could cut manufacturing costs by simplifying production on the permanently embossed servo. New head and channel developments will aid in design of higher capacity drives as well. The PERM technology is still in its developmental infancy, and real product may not be available until 1997 or 1998. Magnetic media is feeling the competition from developing optical and solid state storage technologies, but industry analysts are optimistic that this new technology would add several years to the life of the magnetic storage business.



private line

a journal of inquiry into the telephone system

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CELLULAR HACKING IN THE NINETIES

(c) 1995 - Damien Thorn

Those not suffering memory loss associated with the abuse of assorted substances may recall Digital Thunder's introduction to cellular hacking that appeared in the last two issues of Blacklisted! 411. This article expands on some of the topics he raised, and makes corrections and updates as appropriate. Here you'll learn some of the secrets of cellular hackers.

Since cellular hacking and cellular fraud are not synonymous, it's important to make a distinction between the two. Hackers enjoy the technology itself, and the magic that can be found stashed inside most cellular phones in the form of diagnostic commands that allow one to regain manual control of normally automated hardware. Cellular bandits are more interested in snagging electronic serial numbers.

Speaking of snagging serial numbers, as a columnist for Nuts & Volts Magazine, I've received countless letters from people asking how to make a "cheap ESN reader." This has always been a private source of amusement because "cheap" and "ESN reader" don't belong in the same sentence. Outside of a large cellular repair facility, there is no logical reason for anyone to need the capability of snagging an ESN other than fraud. And since cellular repair shops and those engaged in cellular fraud both make big bucks, it's laughable to get such a question. Takes money to make money, you know? Put down the phone before you hurt somebody.

Those hell-bent on figuring out how to decode the data may want to check out some of the cellular chipsets manufactured by Phillips/Signetics. Their RF communications databook even lists development kits to assist budding manufacturers in designing cellular phones and writing firmware around their hardware. These chips, especially the UMA1000T "data processor for cellular radio" can take demodulated audio from either the AMPS or TACS system and spit out data. Error correction is handled in the hardware, and this further reduces software requirements. Although the chip is designed to be integrated into a cellular phone, it may be possible to make it do other things. With the inherent I2C serial bus control, talking to the chip is not the most difficult thing in the world to accomplish. Not being a programmer, it's more than I can stomach, but the lengthy "cellular chipset design guide" in the databook sure gave me a much greater understanding of the hardware. Forty-three pages on how to design and build a cellular phone makes for heady reading.

The phase-shift keying (not phase-key shifting as written last month) employed by the cellular system for data transmission is further complicated by a type of error correction protocol known as BCH encoding. The initials stand for the unpronounceable names of the three people who collaborated on designing the protocol. (Sorry, I can't even talk about the 'Yggdrasil' Linux distribution without people snickering. They now call it Plug-and-Play Linux because of people like me...).

Since I can't say it, I won't try to explain it. Anyone hell-bent on designing a device to decode this protocol really needs to order the cellular specifications from the Electronic Industry Association in Washington, DC. I've read the hundreds of pages describing the cellular air interface a number of times, but I'll never understand all of it. Polynomial encoding of binary data is a subject heavy enough to sink a battleship, you know?

Much of the esoteric detail has also been described in text files by the likes of Brian O'blivion, Restricted Data Transmission (RDT) and other fine folks associated with Boston's The L0pht. Those with Internet access can check out their ftp site at ftp.l0pht.com as long as their server doesn't detect IP source headers indicating your provider is America Online. AOL users have been banned from the archives. Please respect the L0pht's net presence and avoid greed when searching for files, okay? Unlike welfare and payphones, some public services shouldn't be abused.

Much space was also devoted to describing the contents of a so-called "numeric assignment module" (NAM) in the last issue, including assorted diagrams of chip pinouts. Unfortunately, use of these chips in cellular phones has gone the way of the infamous "blue box" and henceforth should only be published in paleontology journals. According to the "NAMFAX" programming manual published by Curtis Electro Devices, this type of NAM format (and the associated chips) pretty much fell by the wayside in 1988 with the introduction of handset programmability. "Burning a NAM" with subscriber information no longer requires a chip programmer.

Since that information is only of historical interest, let's take a look at the technology used in more recent years. With most modern phones, the data programmed in through the keypad programming mode is stored in an EEPROM (electrically erasable programmable read-only memory) device. These little chips usually use a two or three wire serial interface to read and write data to and from the chip. The stored data includes the subscriber's mobile number, home system identification number and a few other useless things such as the phone's unlock code and access overload class.

Interestingly enough, manufacturers sometimes store the ESN within this chip as well, and simply "protect" the serial number by not allowing the phone's firmware to over-write the specific bytes containing this data. This does not preclude anyone from pulling the chip off the phone's logic board and reprogramming it themselves, however. While the phone's operating firmware may not re-write the ESN bytes for a cellular bandit, a standard EPROM programmer or software will do it in mere seconds.

The two most common serial EEPROMs used in cellular phones are the 85C72 and the 93C46. Photo #1 is a shot of the 93C46 in a Technophone MC9XX series phone. The 8-pin surface mounted chip is between capacitor "C10" and oscillator crystal "XL2" if you can read the silk-screened legends on the PC board. That small sucker (or a close cousin) is the target of many cellular cloners, and a number of freeware utilities (that many companies will be happy to sell you for a few hundred dollars) will assist hackers in programming these chips from a PC.

Despite FCC regulations that require manufacturers to protect the circuitry responsible for serial number delivery from

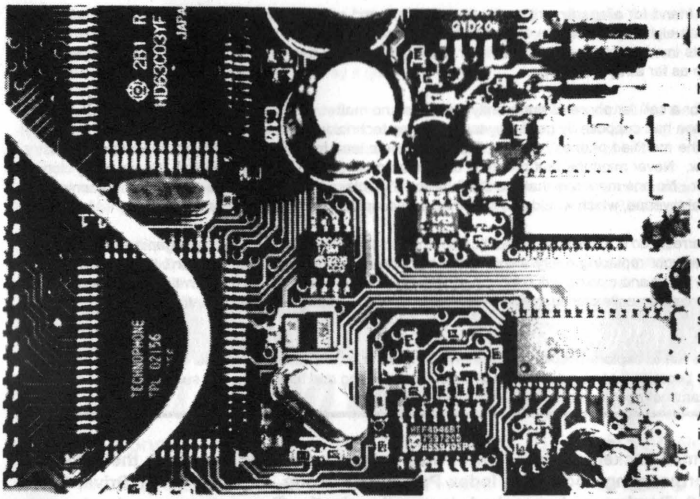

Photo 1

fraudulent contact and tampering, many phones are incredibly easy to spoof. Some units do not even have the EEPROM soldered down to the PC board. Phones sold by Radio Shack until the model change this year had the 8-pin DIP sitting in a socket! Since the phones were actually manufactured under license from Nokia, we won't bad mouth the Shack for cranking out a cloner's dream. Heads should probably roll at the FCC instead for type-accepting a transceiver with such a convenient hole.

Another laughable cellular insecurity feature is depicted in Photo #2. This little circuit board and serial EEPROM contains the ESN for the phone and nothing else. It even neatly unplugs from the rest of the telephone circuitry. Amazing, huh? Outboard ESN storage like this can be found in some older phones such as the Mitsubishi 800.

What this type of module allows a manufacturer to do is build phones en masse on the assembly line without worrying about what amounts to a serialized component. If a manufacturing defect or quality control problem occurs, there are no "wasted" serial numbers. The ESN component is simply plugged in during the final assembly phase. An added benefit is that the logic board can be swapped out in the field by a service technician without requiring an ESN change. Of course, this also makes these phones incredibly vulnerable to being hacked.

Not all companies take the Beavis and Butthead approach to security when building cell phones, however. Some actually are fairly difficult to exploit. After the arrest of 18 people in New York for cellular cloning a couple of years ago, the president of Audiovox was quoted as saying, "The sad thing is that this type of crime is very preventable. If this type of alteration is attempted on an Audiovox cellular phone, the phone is rendered useless."

Louis Antoniou of Audiovox says that altering the ESN is prevented on Audiovox phones through an algorithm in the phone's firmware. While he didn't specify exactly how this is accomplished, we assume that he is referring to a form of encryption. While we don't know what form such encryption may take, Phil Zimmerman has confirmed that it is not PGP. Maybe there's a Clipper chip in there...heh!

Other manufacturers take the high road to solving security issues by avoiding the use of standard EEPROMS to hold the ESN data. In these phones, the ESN is burned to a one-time programmable memory location inside the microprocessor itself and thus cannot be altered or easily read back out of the chip. Circumventing this type of security has required hackers to actually rewrite the operating firmware of the phone to instruct it to look elsewhere for the ESN.

There are two good examples of this. The first was a firmware replacement written by Video Vindicator and first released by Drunkfux at the invitation-only SummerCon about two and a half years ago. By today's standards it was rather awkward software that derived the ESN from values entered in standard fields such as those containing the security code and system ID. Since tumbling fraud was still prevalent at the time, it was a convenient way to alter the ESN through the handset programming mode.

The latest technique has been employed in the various bootleg chips available for the popular Oki 900 phone. With one of these binaries installed, the user can simply key in one or several different serial numbers directly from the keypad, and select the desired one prior to each call. A similar operating firmware modification came along not too long ago installed in small Panasonic phones, such as the HB-600. Just a year ago, these modified Panasonic units were selling for about $1,500 and popular on both the East and West coasts.

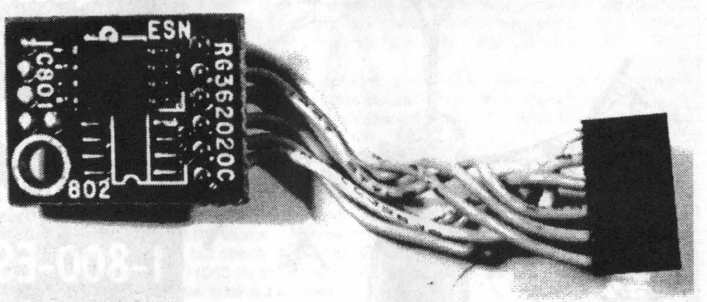

Photo 2

Eventually a 44-year-old California man was arrested along with his

26-year-old son and a family friend for allegedly writing the modification, and selling more than 1,000 of the phones. The arrest was the culmination of an eight month joint investigation by the Secret Service and a number of local law enforcement agencies. According to agents involved in the case, a number of the phones had been seized during a Northern California drug bust, and have turned up as far away as Europe.

Simply writing new firmware for a cellular phone is apparently not illegal, no matter what the routines within the chip may do. The people arrested in this case had supposedly gone beyond exploring technology and were providing working ESN / MIN pairs preprogrammed inside the modified phones. Oops. Big-time cloners tend to fall simply because the cellular industry needs to put on a media show. Never mind the fact that tens of thousands of people from all walks of life are using cloned phones of one type or another. No one mentions that the $300 million they claim to lose each year to fraud represents only a minuscule 3% of their annual revenue, which would be more than an acceptable loss in any other industry.

What these highly-publicized arrests do is to distract the public from the fact that the cellular protocol has gaping security holes that are impossible to close without replacing every single cellular phone in existence. Since this isn't likely to happen, it appears that cellular hacking, fraud and cloning will continue at it's current rate of escalation. When the mainstream news media reports that 40% of all cellular calls placed in Oakland, California on a Friday night are fraudulent, it paints a pretty dismal picture.

Overall, the cellular network is fun to explore despite the overwhelming amount of abuse. It appeals to a broad spectrum of those interested in technology because it combines radio, computers, networking and telephony. It's such a complex and cool blend of disciplines, that we can't help but explore it further in future issues.

BIO BLURB

Damien Thorn is a reformed hacker-journalist who writes for various magazines and is the author of "Cellular Hacking," a forthcoming book from Index Publishing Group, 3368 Governor Drive, Suite 273F, San Diego, CA 9212. Damien can be reached via e-mail as damien@prcomm.com and welcomes your comments.

RCMA News

Are you a monitoring enthusiast? A scanner nut? A freq freak?

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What's the catch? It's that there are thousands, maybe millions, of different radio frequencies. Your scanner tunes most of these, but how do you find them out? You could ask. Don't expect a lot of answers. Expect a lot of suspicious looks. You could look them up in FCC records, if you have about six months. You could even find them all with your search mode ¾ if you have several years to figure out all the codes and abbreviations you'll hear.

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Founded in 1975, we are the first national and international association of scanner radio listeners. Each month, our SCANNER JOURNAL publishes hundreds of frequencies, codes and pieces of background info. Half of SCANNER JOURNAL is dedicated to police, fire and other public safety, in the belief that a scanner is as valuable a survival tool as a flashlight or food supply. In floods and other emergencies, there won't be time to search out frequencies. The RCMA helps find the good ones before they're needed. Ask anyone who went through the Los Angeles riots how important this is.

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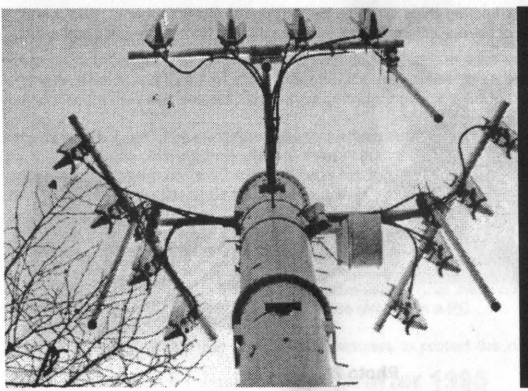

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Besides devoting half of our publication each month to public safety-related frequencies, we also cover all the latest laws and legal actions relating to the use (and abuse) of scanners. We promote responsible listening, and work to improve its image. We keep track of Washington, and local ordinances. This might even keep you out of jail!

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HARDWARE HACKERS FORUM

FULL 800 MHZ COVERAGE '95

by Steve Donnell, RCMA Technical Topics Editor, 210 S Main St, Newmarket, NH 03857

Here is a neat approach that you may want to consider in order to deal with the reality of having incomplete 800 MHz programming coverage in all newer models of scanners. "Image reception" is one technique that has been used in the past to get around 800 MHz and other programming limits as defined in a scanner's computer 'firmware.' But even with is not without its drawbacks. Usually there is a small portion of 800 MHz band spectrum that still can't be reached.

Here is a better way: most scanners (those with a 10.80 or 10.85 MHz 1st IF frequency) designed and/or marketed by Uniden utilize a fairly standard PLL synthesizer and LO (Local Oscillator) chain configuration: A single VCO (Voltage Controlled Oscillator) that operates in the VHF frequency range which supplies LO signals to all of the different frequency band converters. During VHF band(s) reception, the VHF frequency converter stage uses the LO signal without any need of additional frequency multiplication.

For UHF band reception, that same LO signal is multiplied x3. For 800 MHz band reception, the LO is multiplied x6. Frequency multiplication for the UHF and 800 MHz band reception all takes places an internal function of the UHF and 800 MHz frequency converter circuit stages. Whenever you have an 800 MHz frequency programmed into, say, a BC-220XLT, the 'base' frequency of the VCO is operating somewhere in the 150 - 165 MHz range. This is then multiplied up (x6) to 795 - 950 MHz, exactly 10.8 MHz down from whatever frequency you have programmed into the scanner.

In order to get around the frequency limit stops from the scanner's CPU (which prevents frequencies in the 869 - 894 range from being programmed into the scanner), I figured why not find out if I could generate a 'base' LO signal in the correct frequency range by programming the scanner onto a frequency of a different band. Then I could manually 'hotwire' ON the scanner's 800 MHz frequency converter stage, a function normally controlled by the CPU.

I concluded that if you program a frequency in the range between 157.435 and 161.699 MHz into a scanner like the new BC-220XLT, which supposedly cannot be set to receive frequencies in parts of the 800 MHz band, then manually toggle ON the logic line that controls the 800 MHz frequency converter (and of course block the logic line that turns ON the VHF high band frequency converter to prevent inadvertent reception of VHF signals), you could perhaps receive signals from stations operating in the 869 -894 MHz range. Extensive land and field testing has shown this technique works just marvelously . . .

It's important to note two distinct advantages for using this method" even with older models of scanners that can be 'CPU modified' to receive across frequencies in the 869 - 894 range, you often had in many cases to tolerate a significant amount of 'image reception' interference when scanning or searching across this frequency range from other stations in the 860 MHz area. If you generate your 'VCO base' signal by programming in frequency limits of between 157.435 MHz and 162.600 MHz, the multiplied LO signal comes out 10.8 ABOVE the 869 - 894 MHz range.

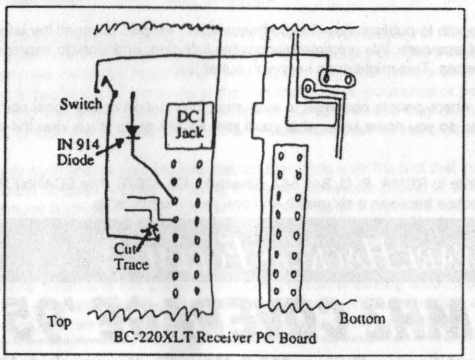
Another reason for using this method is that you are typically stuck with tuning steps of only 12.4 KHz in all portions of the 800 MHz band. This can result in receiving some stations a few KHz off frequency. By using this newer approach, although the tuning steps that the scanner uses in the 157 MHz is 5 KHz (with the additional frequency multiplication of the LO signal taken into account), the tuning step increments the scanner operates on now becomes 30 KHz. Isn't that just special . . .

As we have hinted about earlier, this modification technique can be applied to a number of scanners. Scanners like the BC-760, BC-200 and quite likely the new BC-700 and the Sportcat. This also includes some Radio Shack scanners like the PRO-51 and the PRO-2026--any that were designed by Uniden. Other Radio Shack scanners, like those from GRE, employ a separate VCO for use with the 800 MHz band.

One additional step that I noticed when trying this mod on a BC-950 and BC-760 is that for these two scanners and any others that employ a 10.85 MHz 1st IF, you also need to supply a turn ON voltage into the PLL Shift line. This is required to operate the PLL at the correct frequency for 800 MHz reception while a VHF is 'dialed in' on the display. Merely tie a 10K resistor between the Shift input to the PLL board and a +5 volt DC source. A somewhat better approach is to connect the 10K resistor, not to the Shift input on the side of the PLL module, but directly to the PIN diode that the shift line normally controls. For a BC-760 this would correspond to the Anode of D705 (D53 for the BC-950). We will go into more specific details on how to perform this mod for a BC-760 if any readers would like to have it covered.

Conceivably, since the scanner is not required to actually 'program' in any 800 MHz frequencies, this technique could be used with a scanner that does NOT have any 'normal' 800 MHz capability at all--one like the PRO-2023. This would still require an 800 MHz converter stage to be installed. Uniden part #: BPHY0140ABZ.

Diagram #1



BC-220XLT Receiver PC Board

Specific details on how to install this mod in a BC-220XLT can be seen in diagram 1. When the switch is in the Normal position, the scanner operates entirely normally. When the switch is in the Convert position, the operation of the VHF High band converter stage is blocked and the same control voltage used for the VHF converter is used to turn ON the 800 MHz band converter. Then all you need to do is program in frequency search limits of 157.435 and 161.600 MHz, The LO signal the PLL generates is between 146.6 and 150.8 MHz. The VHS High band converter is not activated, so no VHF signals are received. But the LO is also routed into the 800 MHz converter--which when manually activated, generates a x6 multiple of the LO across a frequency range of 879.81 to 904.8 MHz. Since there isn't too much action 10.8 MHz above this range, typically anything you hear will be 10.8 MHz below the LO range limits.

Even if you do not perform this mod, I hope it will give you a better understanding as to how scanner are designed and how they operate. One additional hint that I have come up with for more interference-free reception of certain parts of the 800 MHz band is to employ some means of good RF band pass filtering. This can be a big improvement for many scanners used in urban areas A very easy and economical way to approach this is with a duplexer from any old '800 MHz mobile subscriber' radios. These can commonly be found at many Ham fleamarkets for about $10 - $20. Depending on whether you connect your scanner to the RX or TX port of the duplexer, you can use it for filtering either Mobile or Base frequency band splits.

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ULTIMATE HACKER

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212-406-9108 NY Manhattan TentraRedFlag
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212-486-0118 NY RooseveltIsl The MasTRE
212-519-1791 NY New York Running Board
212-579-2869 NY Bronx Fordham Jesuit
212-580-3615 NY New York Needful Things
212-594-4425 NY New York BlueDog
212-627-0531 NY New York FPX2
212-628-5486 NY New York Network One
212-679-1879 NY New York Scarlet's Dom
212-679-6972 NY New York NYPC BBS
212-685-8309 NY New York PosterBd Net
212-691-2679 NY New York Real Exposure
212-696-0360 NY New York PC Mag I.R.S.
212-727-9046 NY New York Natl DPjobs lst
212-734-1090 NY New York ACE
212-750-3643 NY New York MidnightDriver
212-752-8660 NY New York Free Financial
212-861-9827 NY New York Delphinus
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212-888-6565 NY New York Computers&Dream
212-924-9627 NY New York BluePhishen'
212-962-1920 NY New York Wise Byte
212-989-8411 NY New York Echo

315-221-2570 NY Winfield M.I.S.,files
315-245-3815 NY Camden Kadet,pgming
315-331-1556 NY Newark T.O.I.L.
315-339-5668 NY Rome MidnightMadness
315-339-8831 NY Rome Nite-Air BBS
315-428-3373 NY Syracuse JobFinder BBS
315-458-3482 NY Syracuse Dreamscape
315-474-5568 NY Syracuse N.A.S.I.X.
315-564-5700 NY Hannibal Late Night
315-642-1013 NY Philadelphia North Country
315-642-1220 NY Philadelphia Dots-N-Dashes
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315-736-3792 NY Whitesboro Excalibur
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315-769-0165 NY Massena MCHS-BBS
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315-785-8034 NY Watertown Memory Prime II
315-786-0778 NY Watertown StarNet
315-786-1120 NY Watertown Cyberealm
315-866-1725 NY Herkimer Sierra PCBoard

516-226-3895 NY Farmingdale LI File Exch
516-244-7064 NY Bohemia Shadowguard
516-266-5182 NY Holbrook Time Slice
516-293-7540 NY Farmingdale Leisure & Bus
516-352-7475 NY Elmont Wingnut
516-371-0539 NY Inwood Midnight Star
516-374-0551 NY Woodmere PenDragon'sLair
516-385-4383 NY Melville ESI Sales BBS
516-395-4507 NY Mastic Beach Monitor-1
516-420-0818 NY Farmingdale SUNY College
516-471-8625 NY Ronkonkoma SuggestionBox
516-482-0623 NY Great Neck PC Online
516-483-3975 NY Garden City Unicorn BBS
516-486-3902 NY Franklin Sq. Games & More!!
516-486-4705 NY S.Hempstead The Unknown
516-488-4325 NY Floral Park MetroFire/Resc
516-488-6528 NY Lake Success Canon
516-493-0186 NY Commack GamePeddler
516-536-1546 NY Rockv'l Cntr Big Apple
516-536-8723 NY Oceanside SoundofMusic
516-546-8025 NY Baldwin So. oftheBauder
516-561-3801 NY ValleyStream PCPlace
516-561-6590 NY ValleyStream LICA Limbs
516-579-7507 NY Levittown Utopia Tech
516-579-7929 NY Levittown Small Time
516-589-4984 NY Bohemia Software Store
516-627-6910 NY Manhasset PrintShoppe,dtp
516-632-8000 NY Stony Brook Eagle's nest
516-643-0747 NY Melville The Campus
516-669-8577 NY No. Babylon Metro Board
516-674-4033 NY New York Star's End
516-689-2566 NY StonyBrook SearchIt Home
516-694-2318 NY Farmingdale Paradigm Legal
516-694-3623 NY Farmingdale Expressway
516-736-6662 NY Selden Your S/W Resce
516-767-3169 NY PtWashington Pt Washington
516-783-3228 NY Wantagh KESCO
516-796-7686 NY Seaford Hard Disk Cafe
516-822-8909 NY Plainview Artif. Intell.
516-829-0726 NY Great Neck ChatLink 0
516-868-1741 NY Baldwin Intelec Online
516-889-4586 NY Long Beach Wizards Domain
516-922-5153 NY Oyster Bay PC Beginner
516-922-7214 NY Oyster Bay Enclave Book
516-922-9445 NY Oyster Bay Pampered Parrot
516-935-5704 NY Plainview MicroQuick
516-938-6722 NY Hicksville PDSLO,!
516-968-7824 NY BayShore SourceForSource

518-283-5716 NY E. Greenbush ACCESS Network
518-371-6078 NY Clifton Park Shenendehowa
518-442-5738 NY Albany Rockflr College
518-452-0897 NY Guilderland Pineview
518-459-0270 NY Albany Telesphere
518-462-6134 NY Albany DissociationNet
518-464-8700 NY Albany Regents Colleg
518-483-9129 NY Malone Troll Bridge
518-486-6631 NY Albany RAIN,E71
518-747-5330 NY Hudson Falls Dream Theater
518-773-8143 NY Gloversville SpeedyTradingPt
518-785-4189 NY Albany Night Flight
518-846-8803 NY Chazy Tavern
518-885-4192 NY Ballston Spa Access

607-272-4060 NY Ithaca TotPersVtx
607-273-5027 NY Ithaca Line Noise
607-293-6015 NY Mount Vision Silicon SysOp
607-324-6169 NY Hornell Demon's Abyss
607-433-2313 NY Oneonta UserGroup
607-533-7072 NY Lansing Home Emmasoft
607-562-3652 NY Corning PC Fanatic!
607-625-2378 NY Apalachin Best Spot
607-687-3470 NY Owego NiteWing
607-687-6193 NY Oswego WaldenPuddle
607-729-2585 NY Vestal Space Shuttle
607-732-4565 NY Elmira Sugar Mountain
607-797-4522 NY Johnson City Toys/Attic
607-798-0315 NY Binghamton The Mail Box
607-798-1734 NY Johnson City BroomeCompUn
607-936-0229 NY Corning CrystalVisions
607-937-8547 NY Corning a-a-a

716-224-8216 NY Rochester Crystal Palace
716-342-2673 NY Rochester Irond
716-359-0871 NY Rochester Kraut Haus
716-359-4730 NY Rochester MatrixDataBank
716-359-4736 NY Henrietta WinterParadise
716-367-3652 NY Hemlock CONST. ORION
716-383-1321 NY Rochester Intele--comm
716-434-1448 NY Lockport Mr. Machinist
716-461-1924 NY Rochester FROG Pond
716-473-5204 NY Rochester The Panic Zone
716-548-7443 NY Byron Lost Identity

716-549-6365 NY Angola MGG Enterprise
716-594-5440 NY Rochester The Oracle
716-594-5572 NY Rochester The Hats Place
716-627-3299 NY Lake View DataXprsInfo
716-668-6596 NY Cheektowaga Dark Star
716-677-2528 NY West Seneca Falcon's Nest
716-685-6970 NY Buffalo Elec Flea Mkt
716-688-6537 NY Buffalo On-line Sports
716-695-0583 NY Buffalo B-IBM-UG BBS,!
716-695-1937 NY Tonawanda Cougars Kingdom
716-728-3896 NY Wayland Professional's
716-774-8547 NY Buffalo Niagara Univ
716-787-1155 NY Penfield Viper's Lair
716-822-7350 NY West Seneca Datalink-PC
716-832-7989 NY Kenmore Ken/Ton
716-836-8717 NY Buffalo Triton
716-865-2106 NY Rochester Knight Moves
716-875-0283 NY Buffalo Pier 1 Xchg
716-881-5380 NY Buffalo Night Owls
716-892-8428 NY Buffalo RAM BBS
716-895-1146 NY Buffalo Buffalo DataSys
716-964-8475 NY Rochester Lighthouse

718-204-7831 NY L. I. City Cravings
718-241-0225 NY Brooklyn The C Group
718-251-9346 NY Brooklyn More BBS
718-253-2431 NY Brooklyn JTSCom
718-265-2532 NY Brooklyn Boiler Room
718-268-0060 NY Forest Hills EmpireStateOnln
718-268-5618 NY New York ISOQ BBS
718-268-5763 NY Forest Hills NET-Hack
718-331-5692 NY Brooklyn PsiCop BBS
718-335-0763 NY MiddleVill. On-line Store
718-341-3606 NY Jamaica [Int'l Trade]
718-351-7633 NY Staten Isle Abstract
718-352-4194 NY New York Kitty's Cafe B
718-367-2940 NY Bronx Bronx Science
718-370-3592 NY Staten Isle Crystal Castle
718-377-0524 NY Brooklyn DataLink
718-439-3116 NY Brooklyn Trans-Continent
718-444-4555 NY New YorkCity MAS User Group
718-446-2157 NY Queens ABC On-Line
718-458-0502 NY Elmhurst Jims'PCParadise
718-460-4373 NY New York TradeWare
718-494-1719 NY Richmond fathernet bbs
718-529-8890 NY Queens Holman's World
718-531-5223 NY New York Doctor'sOffice
718-539-3338 NY New York NY Amat.ComClub
718-592-1095 NY New York Friend's
718-631-8719 NY Queens J&L Computer
718-636-3081 NY Brooklyn Expressways
718-648-5199 NY Brooklyn Tea Room
718-692-2498 NY Brooklyn MoonDog's
718-698-1776 NY Staten Isle Obscured/Clouds
718-706-7634 NY New York Critter Conn.
718-716-6198 NY Bronx Systematic
718-739-5845 NY Briarwood Tree Branch !
718-760-0921 NY Elmhurst A No Name BBS
718-761-9513 NY Staten Isle Sports Connectn
718-762-1030 NY Queens 10:30 BBS
718-793-4796 NY New York the Belfry(!)
718-793-8548 NY Queens THE ICEBOX BBS
718-816-1808 NY StatenIsl Computer Connx
718-833-5949 NY Brooklyn Japanese NetSys
718-837-3236 NY Brooklyn Consultant BBS
718-853-8957 NY Brooklyn BrooklynPervert
718-876-0337 NY StatenIsl PhotogrphrsNtwk
718-876-7009 NY StatenIsl MJF BBS System
718-882-5683 NY Bronx BBSLineTraveler
718-892-0187 NY Bronx Caz' Devastatio
718-919-1991 NY Brooklyn Technon's Lnge
718-932-4702 NY New York Impax Chat BBS
718-934-1843 NY Brooklyn Shadowdale
718-939-5462 NY New York MovieBBS
718-939-7686 NY Fresh Meadow Sq1200 Aviation
718-949-3551 NY Jamaica TRI-STAR! BBS
718-951-6652 NY Brooklyn Mind Matters

718-962-2403 NY Bellerose dCLipboard
718-966-8637 NY Staten Isle The Forum BBS
718-972-6099 NY Brooklyn Star-Link
718-979-6629 NY Staten Isle Sound Barrier
718-983-9152 NY Staten Isle Computec Data
718-984-4511 NY Staten Isle Sylvia'sDen
718-987-8786 NY Staten Isle Northern World

914-225-0501 NY Carmel Wincomp
914-225-7629 NY Carmel Design System
914-227-4402 NY Hopewell Jct Tholian Web
914-229-0197 NY Hyde Park Solutions
914-234-1284 NY Bedford Stromi's Place
914-237-3664 NY Yonkers Ricochet
914-242-8227 NY Mt. Kisco NYM Chat BBS
914-245-2455 NY Amawalk Amawalk Premium
914-246-2885 NY Saugerties The Tank
914-248-6737 NY Granite Sp. BartGuy Online
914-266-8472 NY Staatsburg FrenchysHideout
914-271-9407 NY Croton 2' x 4'
914-279-2514 NY Brewster Brewster
914-292-0670 NY Liberty Space Station
914-297-0665 NY Poughkeepsie PC-Rain Node1
914-297-2915 NY Wapp. Falls SMBBS NETWORK
914-298-8205 NY Wapp. Falls Dutchess CoCo
914-336-4582 NY Lake Katrine North Country
914-336-8269 NY Kingston Fly With Eagles
914-342-4585 NY Wawayanda RedOnionExpress
914-344-0140 NY Midddletown Game Room Delx
914-344-0350 NY Middletown <<Prism
914-344-4856 NY Middletown Computer Onlin
914-352-6121 NY Monsey Node 66 East
914-354-5463 NY Pomona 10 Forward
914-356-3306 NY Spring Valle Kakiat BBS
914-361-3887 NY Circleville Bill/TedsExcl
914-365-6176 NY Orangburg Gain Share
914-368-4354 NY Suffern Skyline
914-381-1600 NY Mamaroneck Brentwood
914-425-2304 NY SpringValley Adv. Comp. Nets
914-436-5293 NY Fallsburg Vampire's Den
914-439-4681 NY Lvgstn Manor Midnight Hour
914-452-4753 NY Poughkeepsie Rifle Range
914-462-0363 NY Poughkeepsie OuterLimit
914-462-1536 NY Poughkeepsie PC-PANIC
914-462-7674 NY Wapp. Falls PC-Rain Node2
914-473-0191 NY Poughkeepsie MHVNet
914-482-4239 NY Jeffersonvel Shuttle BBS
914-485-3393 NY Poughkeepsie HamRadio
914-496-4115 NY Wash'ville Glass Manazure
914-528-2330 NY Peekskill Century BBS
914-557-3567 NY Eldred The Main Frame
914-583-6237 NY Smallwood Home of CHEAT!
914-621-7001 NY Mahopac Gateway
914-654-1981 NY New Rochelle Adv'dCompCpts
914-665-1725 NY Mount Vernon Go Diamond!
914-667-4567 NY Mt Vernon ExecNet,LAN
914-667-9385 NY Mt Vernon Brown's
914-682-1965 NY White Plains Cloud 9 Online
914-693-9100 NY DobbsFerry Image Center
914-698-9166 NY Mamaroneck MHS-BBS
914-734-7045 NY CortIndt Mnr Laser
914-735-9362 NY Pearl River Electronic NY
914-736-3186 NY Crompond Dark Side Moon
914-747-2836 NY Thornwood Seven Keys
914-758-3055 NY Red Hook WIZARD's TOWER
914-782-2080 NY Monroe Idle Hour
914-783-0343 NY Chester Hillside
914-794-8904 NY Monticello MHS:BBS
914-796-1136 NY Monticello CPU:BBS
914-794-1576 NY Monticello Dgtl Paradise
914-831-3379 NY Wapgers Flls Chicago Fire
914-833-1479 NY Larchmont Powerboard Supt
914-876-1450 NY Red Hook Hudson Valley
914-878-3112 NY Patterson People Power
914-887-4651 NY Long Eddy Summit Data
914-888-4295 NY Wurtsboro Leading Edge
914-889-8379 NY Staatsburg The Link

914-928-8191 NY H'land Mills	Laser Light	914-964-0419 NY Yonkers	Lost Carrier
914-928-8712 NY Woodbury	..iNSOMNiA..	914-965-4980 NY Yonkers	Spec Apptmt
914-934-8125 NY Rye Brook	The Gateway BBS	914-968-2205 NY Yonkers	Dome Ideas
914-941-2246 NY Ossining	Sing Sing Sing	914-969-1266 NY Yonkers	T.R.E.K. +
914-961-8749 NY Eastchester	Hardgoods-East	914-986-9341 NY Warwick	Mind of WEM

BLACKLISTED! BACKSTABBED!

.....A pretty funny joke - when we needed it the most.

Yes, we still have a sense of humor, guys.

GTE

TELEPHONE NUMBER 310 596-4673

PAGE 7 OF 8 BILL DATE August 22, 1995

ZPD billing questions 1 800 456-7587

LONG DISTANCE CALLS (continued)

Billing for Zero Plus Dialing

Zero Plus Dialing Basic Services

Billing for RCI Long Distance

Basic Calls

Calls billed to 310 596-4673

Operator Assisted Calls

	Date	Time	Called from	Called to	Type*	Period	Min.	Amount
1	Aug 5	12:59 am	718 359-9513 Queens NY	305 926-4600 Hollywood FL	3rd	Night	1	$ 2.55
2	Aug 5	1:06 am	516 473-2626 PtJeffersn NY	516 474-2677 PtJeffersn NY	3rd	Night	1	1.76
3	Aug 5	1:08 am	516 474-2677 PtJeffersn NY	516 751-2600 StonyBrook NY	3rd	Night	1	1.76
4	Aug 6	5:09 pm	516 751-2600 StonyBrook NY	310 493-3998 Alamitos CA	3rd	Eve	1	2.62
5	Aug 8	9:48 am	310 493-3998 Alamitos CA	516 751-2600 StonyBrook NY	3rd	Day	1	2.56
6	Aug 8	11:14 am	212 228-9865 New York NY	516 751-2600 StonyBrook NY	3rd	Day	1	1.92
7	Aug 8	12:46 pm	516 473-2626 PtJeffersn NY	310 493-3998 Alamitos CA	3rd	Day	1	2.69
Total								$ 15.86

*Opr = operator dialed call
Col = collect call
3rd = third party call
Spl = special collect call

Photo 1

GTE

TELEPHONE NUMBER 310 493-3998

PAGE 5 OF 10 BILL DATE August 22, 1995

AT&T billing questions 1 800 222-0300

LONG DISTANCE CALLS

Billing for AT&T

AT&T Basic Service

Basic Calls

Operator Assisted Calls

Date	Time	Called from	Called to	Type*	Period	Min.	Amount
Aug 7	2:21 pm	212 967-9655 New York NY	516 751-2600 StonyBrook NY	3rd	Day	1	$ 2.08
Foreign state tax $.16							
Foreign local tax $.09							
Aug 7	2:23 pm	212 967-9655 New York NY	516 474-2677 PtJeffersn NY	3rd	Day	1	2.08
Foreign state tax $.16							
Foreign local tax $.09							
Aug 7	2:28 pm	212 967-9655 New York NY	516 751-2600 StonyBrook NY	3rd	Day	1	2.08
Foreign state tax $.16							
Foreign local tax $.09							
Aug 7	2:30 pm	212 967-9655 New York NY	516 474-2677 PtJeffersn NY	3rd	Day	1	2.08
Foreign state tax $.16							
Foreign local tax $.09							
Aug 8	1:37 pm	212 794-1548 New York NY	310 596-4673 Alamitos CA	3rd	Day	1	2.56
Aug 10	5:55 pm	212 967-9655 New York NY	516 751-2600 StonyBrook NY	3rd	Eve	1	2.86
Foreign state tax $.23							
Foreign local tax $.12							
Aug 10	5:59 pm	212 967-9655 New York NY	516 474-2677 PtJeffersn NY	3rd	Eve	1	2.86
Foreign state tax $.23							
Foreign local tax $.12							

Photo 2

It was the end of August and we had just received our phone bills in the mail....to our surprise, someone had brought it upon themselves to use both of our numbers (main line and fax) for a few 3rd party calls.. nothing a couple of free phone calls couldn't fix, though. Personally, my favorite is call number 5 on the bill shown here in photo 1. Notice that the "called from" number is our fax number (310)493-3998... and it was third party billed to our main office line. That's pretty slick, if you ask me... Hell, it's even FUNNY! Anyhow, it's all fixed - no hard feelings because there wasn't any harm done. It's just another thing we can write about and laugh off...If the pictures don't get screwed up when the magazine is printed—and you can SEE the billing information on the photo's, make sure to note all of the called from and called to numbers.. Interesting.. But, I won't give credit to any obvious persons, because the called from number of 310-493-3998 certainly proves that the person who made the call isn't proof that the person actually DID make the call.. Why would we 3rd party bill a call to our main line from our fax line? Yeah, I thought so, too.. So, what we have here is a prankster who's trying out some tricks on us..which is cool. Anyhow, the bills added up to a total of $51.37 and of that total, the long distance companies ate ALL of it, so who cares? I never heard of ZPDI, myself... until this recent event. They're more together than AT&T is, after speaking with one of their people...AT&T had no way of removing the billing other than by hand....What the hell? Are they not supposed to be one of the MAJOR long distance carriers? And they can't even click a few keys to remove some bogus charges? You know, it's really funny that 3rd party calls can still be billed to a phone when nobody is there to accept charges... Now, this is something for all of you to think about.. If you don't have it already, it's time for you to get 3rd party call block. :) It's gotta stop somewhere - call your phone co.

Caught in the Blacklisted Web

by Ender Wiggin

Okay, so now you've given into all the media hype and gone out and gotten yourself an Internet account with graphical World Wide Web access. Now What? When you're tired of the local news server, your brain has been fried by HotWired, and you're sick of Bill's self-serving page on which he gives you precious little, where does a cool dood like you go? Here's just a few of the ultra-kewl, fun, and very informative sites that lie waiting for you to discover:

The Consummate Winsock Apps. List - *http://cwsapps.texas.net/*

You gotta to stop here first to whip your Windoze SLIP/IP account into shape! Jump here and find all the latest and greatest advances in Winsock Applications. You can find any Winsock App that's available to make your life easier, from Netscape to Searcher. Do your part for the environment - keep your Winsocks from stinking!

Great Microprocessors of the Past and Present - *http://www.cs.uregina.ca/~bayko/cpu.html*

So, you think you know all there is to know about computers, huh? Well, what do you know about the brain of the system, the processor? From 8088 to MIPS, every great microprocessor from the 70's to present day is outlined here. So get over here and get caught up on your processing trivia!

Four 11 - *http://www.Four11.com/*

Like a bonehead, you lost the E address of that guy that was gonna give you the plans to mod your cellphone. Never fear, there's still a chance! Just jump to Four 11 and like searching the white pages, you can find the address of anybody who's landed there and registered (which includes just about everyone who's kewl)! Ah, crisis solved, you found him - now where did you put your soldering iron?

AT&T Toll-free 800 Directory - *http://www.tollfree.att.net/dir800/*

The greatest find for a phreaker is some schmuck that actually wants to pay for your calls. Here's a huge directory of them! The entire contents of AT&T's Toll-free 800 directory is here on the Web, coupled with a great search engine. Find 'em by name or category in a matter of seconds. Hey who sez AT&T doesn't do anything nice for you?

The Internet Phone - *http://www.vocaltec.com/*

Wanna make calls to anywhere in the world for the price of a local call with no effort? Check out this site and download The Internet Phone, a program that allows you to use the Internet to make real-time calls to anywhere in the world. All you need is Windoze, an Internet account, a Windoze-compatible sound card, a microphone and some speakers. Why go through all the trouble of phreaking for your long-distance calls, when all the hard work has been done for you! Jump here, and let the world hear ya!

Cybercafe Public Telephones - *http://www.cybercafe.org/pubtel/pubtel.html*

Gee, I have no idea what anybody would want with a listing of several pay phones around the world...

The Obituary Page - *http://catless.ncl.ac.uk/Obituary/README.html*

Face it, people die everyday, and for the morbidly curious, here is the ultimate obituary page. Listed here are some of the most notable people who have died around the world since 1994, updated regularly. You can even add the names and pictures of your loved ones in the Virtual Memorial Park. There's even a place for you to pay your respects to Fido and Fluffy after they've parted your company. Make a jump for the deceased, and don't fear the reaper!

The Star Wars Home Page - *http://force.stwing.upenn.edu.8001/~jruspini/starwars.html*

The saga is back with a vengeance! Star Wars abounds on this site - from media clips to the latest news from ILM to the RPG and collectibles, this site has it all! So strap on your Light Saber, and remember, the Force will be with you, always!

Mirsky's Worst of the Web - *http://turnpike.net/metro/mirsky/Worst.html*

Okay, so far I've given you some of the best sites on the Web, how about the Worst? This site has links to the web's worst sites, and trust me, they are truly painful! From dolls designed by Marie Osmond, to a web page design firm that can't design it's own, to a poor shmoe's desperate plea for a wife and the worst nicknames on the Web, Mirsky will show you the absolute worst on the 'Net! What's even worse is that he adds new submissions daily! Remember, "If it isn't Mirsky's, then it isn't the Worst!"

Recommendation - *http://www.math.unh.edu/cgi-bin/recommendation*

So you waited too long to get your references, and now you're in a jam. Jump here and let Podunk State University's Math Department give you a glowing recommendation that is sure to bowl them over in a matter of seconds! So Zachary, do I get the job?

ANAC Local # Listing

Submitted by UHaul

NPA	ANAC number	Comments
201	958	Hackensack/Jersey City/Newark/Paterson, NJ
202	958-xxxx	Dictrict of Columbia
203	960	CT (All)
203	970	CT (All)
205	908-222-2222	Birmingham, AL
206	411	WA /* Not US West */
207	958	ME (All)
208	411	ID (All)
209	830	Stockton, CA
212	958	Manhattan, NY
213	114	Los Angeles, CA
213	1223	Los Angeles, CA /* some 1AESS switches */
213	211-2345	Los Angeles, CA /* English response */
213	211-2346	Los Angeles, CA /* DTMF response */
213	61056	Los Angeles, CA
214	790	Dallas, TX /* GTE */
214	970-222-2222	Dallas, TX
214	970-611-1111	Dallas, TX /* Southwestern Bell */
215	410-xxxx	Philadelphia, PA
217	200-xxx-xxxx	Champaign-Urbana/Springfield, IL
301	958-9968	Hagerstown/Rockville, MD
305	200-222-2222	Ft. Lauderdale/Key West/Miami, FL
309	200-xxx-xxxx	Peoria/Rock Island, IL
310	114	Long Beach, CA /* on many GTE switches */
310	1223	Long Beach, CA /* some 1AESS switches */
310	211-2345	Long Beach, CA /* English response */
310	211-2346	Long Beach, CA /* DTMF response */
312	200	Chicago, IL
312	290	Chicago, IL
312	1-200-8825	Chicago, IL (Last four change rapidly)
313	200-200-2002	Ann Arbor/Dearborn/Detroit, MI
313	200-222-2222	Ann Arbor/Dearborn/Detroit, MI
313	200-xxx-xxxx	Ann Arbor/Dearborn/Detroit, MI
313	200200200200200	Ann Arbor/Dearborn/Detroit, MI
314	410-xxxx#	Columbia/Jefferson City/St.Louis, MO
314	511	Columbia/Jefferson City/St.Louis, MO
317	310-222-2222	Indianapolis/Kokomo, IN
317	743-1218	Indianapolis/Kokomo, IN
401	200-200-4444	RI (All)
401	222-2222	RI (All)
402	311	Lincoln, NE
404	311	Atlanta, GA
404	940-xxx-xxxx	Atlanta, GA
405	897	Enid/Oklahoma City, OK
407	200-222-2222	Orlando/West Palm Beach, FL
408	300-xxx-xxxx	San Jose, CA
408	760	San Jose, CA
408	940	San Jose, CA
409	951	Beaumont/Galveston, TX
409	970-xxxx	Beaumont/Galveston, TX
410	200-6969	Annapolis/Baltimore, MD
410	200-555-1212	Annapolis/Baltimore, MD
410	811	Annapolis/Baltimore, MD
412	711-6633	Pittsburgh, PA
412	711-4411	Pittsburgh, PA
412	999-xxxx	Pittsburgh, PA
413	958	Pittsfield/Springfield, MA
413	200-555-5555	Pittsfield/Springfield, MA
414	330-2234	Fond du Lac/Green Bay/Milwaukee/Racine, WI
415	200-555-1212	San Francisco, CA
415	211-2111	San Francisco, CA
415	2222	San Francisco, CA
415	640	San Francisco, CA
415	760-2878	San Francisco, CA
415	7600-2222	San Francisco, CA
419	311	Toledo, OH
502	997-555-1212	Frankfort/Louisville/Paducah/Shelbyville, KY
503	611	Portland, OR /* not all parts of town */
508	958	Fall River/New Bedford/Worchester, MA
508	200-222-1234	Fall River/New Bedford/Worchester, MA
508	200-222-2222	Fall River/New Bedford/Worchester, MA
509	560	Spokane/Walla Walla/Yakima, WA
512	200-222-2222	Austin/Corpus Christi, TX
512	830	Austin/Corpus Christi, TX
512	970-xxxx	Austin/Corpus Christi, TX
515	5463	Des Moines, IA
516	958	Hempstead/Long Island, NY
516	968	Hempstead/Long Island, NY

NPA	ANAC number	Comments
517	200-222-2222	Bay City/Jackson/Lansing, MI
517	200200200200200	Bay City/Jackson/Lansing, MI
518	997	Albany/Schenectady/Troy, NY
518	998	Albany/Schenectady/Troy, NY
602	593-0809	Phoenix, AZ
602	593-6017	Phoenix, AZ
602	593-7451	Phoenix, AZ
603	200-222-2222	NH (All)
606	997-555-1212	Ashland/Winchester, KY
607	993	Binghamton/Elmira, NY
609	958	Atlantic City/Camden/Trenton/Vineland, NJ
612	511	Minneapolis/St.Paul, MN
615	200200200200200	Nashville, TN
615	830	Nashville, TN
616	200-222-2222	Battle Creek/Grand Rapids/Kalamazoo, MI
617	200-222-1234	Boston, MA
617	200-222-2222	Boston, MA
617	200-444-4444	Boston, MA /* Woburn, MA */
617	220-2622	Boston, MA
617	958	Boston, MA
618	200-xxx-xxxx	Alton/Cairo/Mt.Vernon, IL
703	811	Alexandria/Arlington/Roanoke, VA
708	1-200-8825	Chicago/Elgin, IL (Last four change rapidly)
708	356-9646	Chicago/Elgin, IL
713	970-xxxx	Houston, TX
714	211-2121	Anaheim, CA /* GTE */
716	511	Buffalo/Niagra Falls/Rochester, NY /* Rochester Tel */
717	958	Harrisburg/Scranton/Wilkes-Barre, PA
718	958	Bronx/Brooklyn/Queens/Staten Island, NY
802	2-222-222-2222	Vermont (All)
802	200-222-2222	Vermont (All)
805	830	San Luis Obispo, CA
806	970-xxxx	Amarillo/Lubbock, TX
810	200200200200200	Michigan
812	410-555-1212	Evansville, IN
813	311	Ft. Meyers/St. Petersburg/Tampa, FL
815	200-xxx-xxxx	La Salle/Rockford, IL
815	290	La Salle/Rockford, IL
817	211	Ft. Worth/Waco, TX
817	970-611-1111	Ft. Worth/Waco, TX /* Southwestern Bell */
818	1223	Pasadena, CA /* some 1AESS switches */
818	211-2345	Pasadena, CA /* English response */
818	211-2346	Pasadena, CA /* DTMF response */
906	1-200-222-2222	Marquette/Sault Ste. Marie, MI
908	958	New Brunswick, NJ
910	311	Fayetteville/Greensboro/Raliegh/Winston-Salem, NC
910	988	Fayetteville/Greensboro/Raliegh/Winston-Salem, NC
914	990-1111	Peekskill/Poughkeepsie/White Plains/Yonkers, NY
915	970-xxxx	Abilene/El Paso, TX
919	711	Durham, NC

Canada:

204	644-xxxx	Manitoba
306	115	Saskatchewan, Canada
403	311	Alberta, Yukon and N.W. Territory
403	908-222-2222	Alberta, Yukon and N.W. Territory
403	999	Alberta, Yukon and N.W. Territory
416	410-xxxx	Toronto, Ontario
416	997-xxxx	Toronto, Ontario
514	320-xxxx	Montreal, Quebec
519	320-xxxx	London, Ontario
604	1116	British Columbia, Canada
604	1211	British Columbia, Canada
604	211	British Columbia, Canada
613	320-2232	Ottawa, Ontario
705	320-xxxx	Saulte Ste. Marie, Ontario

Australia:

+61	03-552-4111	Victoria 03 area
+61	19123	All major capital cities

United Kingdom:
175

Please use 1-800-MY-ANI-IS more than these, so that these will not go down!

Would you like to contribute? What's the hold up?

Internet E-mail

Send all Internet E-mail submissions to:

For Zachary Blackstone:	**zachary@blacklisted411.com**
For Alexander Tolstoy:	**alexander@blacklisted411.com**
Letters/questions/comments:	**letters@blacklisted411.com**
Article submissions:	**articles@blacklisted411.com**

Note: We do not answer reader letters/questions/comments over the internet. We only accept these for reprint in a future issue with the corresponding answers. Article submissions, subscription requests, distribution requests and general operation questions will get a response if we deem it appropriate.

Do it!!

Note: Our old internet email address (zachary@dreamsys.com) is no longer valid. ALL mail sent to that address was LOST, so please resend all of your correspondence to the addresses listed above. Thank you.

New Movie!

HACKERS

Their Crime? Curiosity!

Our crime? Not watching these things! Why? This is what society thinks of "hackers" and what they are (or are not) capable of. It would be a good idea to watch this, when it comes out. The trailers we've seen for it do look quite interesting, actually. Remember, though, this movie is nothing but fiction with a lot of made up technology and ideas. Although, the ideas do bring new subjects into light. If you liked War Games, Sneakers, Johnny Mnemonic or The Net, this movie will be a good one to watch, as well. If anything, it's something to take your mind off the real world of hacking and into the imaginary world of high-tech-cyber-hacking-anonymous-101.. Some of the stuff out these days -representing the hacking ability- is incredibly out of whack....BUT.....It's entertaining! So, when you watch this, try not to choke on the misrepresentation. :)

So, you've been thinking about writing us a letter or article, huh? JUST DO IT!

Blacklisted! Abbreviation Listing (D-L)

In this issue, we will start with our HUGE listing of common abbreviations used in the areas we tend to write about. We could only fit abbreviations through C's in this issue. We'll put some more in the next exciting issue! If you ever have any additions to this list, please fax them to us, write us a letter, call us, etc. P.S. This was a submission! Do we all know what THAT means? WE DID NOT WRITE THIS. Hell, something similar was probably already printed somewhere else before we got ahold of this. Anyhow, the acronyms on the following pages are VERY useful! Enjoy!

D Data
D Default supervision
D Digits
D Dispach
D Hotel/motel equipment from trouble report (TSPS only)
D-CTL D channel controller (IDEC)
D/A Digital to analog
D1PK DS-1 interface pack (SCM-10S NTI)
D1PK DS-1 interface pack (SCM-10S MUX NTI)
DA Digital data off-net extention INTER/TRA blocal 1-26
DA Directory assistance
DAC Digital to analog converter
DAC Dispatch Administration Center
DACC Directort assistance call completion
DACK Direct memory access acknowledge
DACOM Data communictions corp. of korea (ROK)
DACS Digital access cross-connect system
DACS Digital accessed and cross-connected system
DACS Directory assistance charging system
DACTVTD Deactivated
DAEDR Delimitation
DAIS Distributed automatic intercept system
DAML Digital added main line (pair gain)
DAMT Direct access mechanize testing
DAP Display administration process
DAP Document application profile
DARC Division alarm recording center
DART Distribution area rehabilitation
DARU Distributed automatic intercept system audio response unit
DAS Data auxiliary set
DAS Directory assistance system
DAS Distributor and scanner
DAS-WDT Distributor and scanner-watch dog timer
DAS/C Directory assistance system/computer
DASD Direct access storage device
DASS2 Digital access signaling system 2 (BT)
DAU Digital access unit
DAV Data above voice
DAY Delete an assembly
DB DSSDS 1.5 mb/s access line INTER/TRA blocal 1-26
DB Decibel
DBA Data base administrator
DBAC Data base administration center
DBAS Data base administration system
DBCS Data bank control system
DBL Data base load
DBM Database manager
DBMS Data base management system
DBOS Data bank organization system
DBS Duplex bus selector
DBSS Data bank security system
DC Device cinfirmation (C/I channel code)
DC Dial code
DC Direct current
DCC Data collection computer
DCC Data country code (ISO 7498)
DCC Destination code cancellation
DCC Destination code cancellation control
DCC Digroup core controller
DCCS Discontiguous shared segments
DCD Data collection device
DCE Data circuit terminal equipment
DCE Data circuit-terminating equipment
DCE Data communications equipment
DCE Digital carrier equipment
DCG Default cell group
DCH D channel handler
DCH D-channel handling bit
DCH Discharge
DCHOOS D-channel is out of service.
DCL Data clock (i.e. IOM2)
DCL Dec control language
DCLU Digital carrier line uint
DCLU Digital carrier line unit
DCM Digital carrier module
DCME Digital circuit multiplexing equipment
DCMS Distributed call measurement system
DCMU Digital concentrator measurement unit
DCN List disconnected and changed numbers
DCP D channel processor
DCP Duplex central processor
DCPR Detailed contuing property record (pics/dcpr)
DCPSK Differential coherent phase-shift keying
DCS Data communications subsystem
DCS Digital crosconnect system
DCS Digital cross-connect system
DCS Direct current signaling
DCSO Display compleated service order (Imos command)
DCT Digital carrier trunk
DCTB Dct bank
DCTEXT DCT extended
DCTN Defense commercial telecommunications network
DCTS Dimension custom telephone service
DCTUCOM Directly connected test unit common board
DCTUPORT Directly connected test unit port circuit
DCn Device control n
DD Data downstream (i.e. IOM2)
DD Delay dial
DD Disk drives
DD Due date
DD Total switching control center (SCC) and field work time.
DDC Direct department calling
DDCMP Daily display conversation mode and printer
DDD Direct distance dialing
DDGT Digital data group termina'
DDI Direct dialing-in (i.251 A)
DDN Defense data network
DDOV Digital data over voice
DDS DDS loopback test (SARTS command)
DDS Dataphone digital service
DDS Digital data service
DDS Digital data system
DDS Digital data system (the network) dataphone digital
DDS Digital dataphone service
DDS Display the DS table
DDX Digital data exchange
DDX Distributed data exchange
DEAC Deactivation (C/I channel code)
DEACT Deactivate
DEC Digital equipment corporation
DECT Digital european cellular phone
DEL Delete
DEN Digital equipment number
DERP Defective equipment replacement program
DES Data encryption standard
DES Destination
DEST Destinations
DET Detatch MSG. (i.451)
DEV Deviation
DEV Device
DEW Distant early warning (line)
DF Distributing frame
DF Distribution frame
DF HSSDS 1.5 mb/s hub to hub INTER/TRA blocal 1-26
DFC Disk file controller
DFI Digital facility interface
DFI Digital facility interface.
DFI Digital family interface
DFIH Digital facility interface circuit pair
DFMS Digital facility management system
DFTAC Distributing frame test access circuit
DG HSSDS 1.5 mb/s hub to earth station INTER/TRA blocal 1-26
DGCT Diagnostic control table
DGN Diagnose
DGN Memory failure in CS/PS diagnostic program - 1AESS mem diag
DH Digital service INTER/TRA blocal 1-26
DI Deactivation indication (C/I channel code)
DI Direct-in dial INTER/TRA blocal 1-26
DI Unk division?
DIA Document interchange architecture
DIAG Diagnostic
DIC Digital concentrator
DIC Digital interface controller
DID DI downstream
DID Direct inward dialing
DIF Digital frame interface
DIF Digital interface
DIF Digital interface frame
DIFF Difference
DILEP Digital line engineering program
DIM Data in the middle
DIP Dedicated inside plant COSMOS command
DIP Dip creation option

DIP Document interchange protocol (lower sublayer of OSI layer 6)
DIP Dual in-line package
DIR Direction
DIR Directory
DIR Standard dip report
DIS Disconnect
DIS Display
DISA Direct inward system access
DISABL Disable
DISC Disconnect (LAP-D command)
DISD Direct inward subscriber access
DIST Distribute point board
DIU Deactivate indication
DIU Digital interface unit
DIU Digroup interface unit (DACS)
DIV (Ger) Digital exchange
DIVF (Ger) Div for long distance service
DIVO (Ger) Div for local service
DJ Digit trunk INTER/TRA blocal 1-26
DK Data link INTER/TRA blocal 1-26
DL Dial
DL Dictation line INTER/TRA blocal 1-26
DL1PE DLI 1 parity error
DL5MDA Someone who collects each ISDN abbrevation crossing his way
DLAB Divisor latch access bit
DLC Data link control
DLC Data link controller assignment for clusters
DLC Digital loop carrier
DLCI Data link connection identifier (i.440: SAPI+TEI)
DLCU Digital line carrier unit
DLE Data link escape (ascii control)
DLI Data link interface
DLI0I Data link 0 interrupt
DLI1I Data link 1 interrupt
DLISW DLI switch error
DLL Dial long lines
DLM Data link module
DLN Direct link node
DLNORSP Init response not received from data link.
DLOPE Dual link interface (DLI) 0 parity error
DLP Data level point
DLS Digital line section
DLS Digital link service
DLTHA Display trouble history all (LMOS command)
DLTU Digital line trunk unit
DLTU Digital line/trunk unit
DLU-PG Digital line unit-pair gain
DLUC Digital line unit control
DLYR Delayed readiness
DM DMR
DM Delta modulation
DM Disconnected mode (LAP-D response)
DMA Direct memory access
DMB Digital multipoint bridge
DMERT Duplex multiple environment real time
DMI Digital multiplexed interface
DML Data manipulation logic
DMLHG DSN/AUTOVON MLHG
DMQ Deferred maintenance queue
DMS Data management system
DMS Digital multiplex system (i.e. DMS 10, DMS 100)
DMS Digital multiplexed system
DMU Data manipulation unit
DN Directory number
DN Directory numbers
DN Distribution network panel
DN Down
DN Mail distribution frame - COSMOS defult
DNC Dynamic network controller
DNH Directory Number Hunting
DNHR Dynamic non hierarchical routing
DNHR Dynamic nonhierarchical routing
DNI Digital network interconnecting
DNIC Data network identification code
DNIC Data network identification code (ISO 7498)
DNR Detaled number record
DNR Dialed number recorder
DNX Dynamic network X-connect
DO Direct-out dial INTER/TRA blocal 1-26
DOC Dynamic overload control
DOC Dynamic overload controls messages.
DOCS Display operator console system
DOD (USA) Dept. of defense
DOJ Department of justice
DOM Data on master group
DOTS Digital office timing supply
DOV Data over voice
DP Demarcation point
DP Dial pulse
DP Digital data-2 4 kb/s INTER/TRA blocal 1-26
DPA Different premises address
DPA Dispatch
DPA Distributed power architecture
DPAC Dedicated plant assignment card
DPAC Dedicated plant assignment center
DPC Destination point code (SSY)
DPCM Differential PCM
DPE Data path extender
DPGS Digital pair gain systems
DPIDB Direct PIDB
DPIDB Directly connected peripheral interface data bus
DPLL Digital phase locked loop
DPN Dip purge number
DPN-PH Data packet network-packet handler
DPNSS Digital private network signaling system (BT)
DPP Discounted payback period
DPP Distributed processing peripheral
DPR Dip report and removal
DPSK Differential phase shift keying
DPSK Differential phased-shift keying
DPT Data parameter testing
DPT Department name
DPU Digital patch unit
DQ Digital data-4 8 kb/s INTER/TRA blocal 1-26
DQR Design quota system report
DQS Design quota system
DR Data ready
DR Data receive
DR Deactivate request (C/I channel code)
DR Deactivation request
DR Digital data-9.6 kb/s INTER/TRA blocal 1-26
DRAM Digital record announcement machine
DRAM Dynamic ram
DRCS Dynamically redefinable character sets
DRHR Division of revenue hourly
DRMU Digital remote measurement unit
DRTLRT Dial repe tie lindal repeatie t
DRU DACS remote unit
DS Data set
DS Digital carrier span
DS Digital signal
DS Direct signal
DS-0 Digital signal 0 (one channel at 64 kb/s)
DS-0A Digital signal at a subrate level on DS-0 for one customer
DS-0B Digital signals at a subrate level on DS-0 facility for one or more CU
DS-1 Digital signal level one
DS0 Digital signal zer0
DSBAM Double-sideband amplitude module
DSBLD Disabled (default).
DSC Digital cross-connection systems
DSC Digital subscriber controller AM79C3A
DSCT Digital service copper transport
DSDC Direct service dial capability
DSI Digital speech interpolation
DSIG Direct signaling
DSK Disk
DSL Digital subscriber line
DSL Digital suscriber line
DSLG digital subscriber line group (DSLG)
DSLINIT DSL initialization.
DSM Digital switching module
DSMX (Ger) Digital signal multiplexer
DSN Defense switched network/automatic voice network
DSN Digital signal (level) n
DSNE Double shelf network equipment frame
DSNOFC DSN/AUTOVON office totals
DSNTG DSN/AUTOVON trunk group
DSP Digital signal processing
DSP Digital signal processing or digital signal processor
DSP Digital signal processor
DSP Domain specific part (ISO 7498)
DSR Data set ready
DSR Display results
DSR Dynamic service register
DSRTP Digital service remote test port
DSS Data station selector
DST Destination of order response
DSU Data service unit
DSU Data servicing unit
DSU Digital service unit
DSU2 Diditalservice unit
DSX Digital cross-connect
DSX Digital signal cross-connect
DT DI-group terminal
DT Data through (C/I channel code in test mode)
DT Data transmit
DT Detect dial tone
DT Due time
DT1 Data form class 1
DTAC Digital access connector
DTAC Digital test access connector
DTAC Digital test access connector (links SMAS and SLC-96)

DTAM Document transfer access and manipulation
DTAS Digital test access system
DTAU Digital test access unit
DTC Data test center
DTC Di-group terminal controller
DTC Digital telephone controller (ARCOFI + IBC + ICC)
DTC Digital trunk controller
DTE Data terminal equipment
DTE Print current date
DTF Dial tone first (pay phone)
DTG Direct trunk group
DTIF Digital transmission interface frame
DTM Data test module
DTM Digital trunk module
DTMF Dual-tone multifrequency
DTR Data terminal ready
DTRK Digital Trunks
DTRK Digital trunks (line and trunk)
DTU Di-group terminal unit
DTU Digital test unit
DU Data upstream (i.e. IOM2)
DU Deactivation request upstream (C/I channel code)
DUIH Direct user interface handler
DUP Data user part
DUP Duplicate
DUR Duration
DUV Data under voice
DVA Design verified and assigned
DVX Digital voice exchange
DW Digital data-56 kb/s INTER/TRA blocal 1-26
DX Duplex
DY Digital service (under 1 mb/s) INTER/TRA blocal 1-26
DYRECT Sides dynamic real time communication tester (in sitest)
E E (receive) signal lead (moreover Ear part of E&M)
E Equipment direction
E Remote trunk arrangement position subsystem (rta/pss) from troubl
E&M Receive & transmit/ear & mouth signaling
E-COM Electronic computer originated mail
E1 Equipment system
E800 Enhanced 800 Service
E911 Enhanced 911
EA Equal access end office
EA Expedited data acknowledgement (SS7: in SCCP)
EA Extended adress
EA Switched acess INTER/TRA blocal 1-26
EAAT Equal access alternative technologies
EADAS Engineering and administration data acquisition system
EADAS/NM EADAS/network management
EAEO Equial access end office
EAI Emergency action interface
EAP Equal access plan
EARN European academic research network
EAS Extended announcement system
EAS Extended area service
EASD Equal access service date
EB Enfia ii end office trunk INTER/TRA blocal 1-26
EBAC Equipmentc billing accuracy control
EBCDIC Extended binary coded decimal interexchange code
EBSP EBS prefix translations
EBSP Enhanced business services prefix translations
EC ESS entity and control group number
EC Echo canceller
EC Enfia ii tandem trunk INTER/TRA blocal 1-26
EC Environment code
EC European community
EC Exchange carriers
ECAP Electronic customer access program
ECC Enter cable change
ECCS Economic c (hundred) call seconds
ECD Equipment configuration database
ECDMAN Equipment configuration database manager
ECF Enhanced connectivity facility
ECL Emitter coupled logic
ECMA European computer manufactueres association
ECPT Electronic coin public telephone
ECR Exchange carrier relations
ECS Electronic crosconnect system
ECS Equipment class of service
ED Enter date
EDAC Electromechanical digital adapter circuit
EDD Envelope delay distortion
EDI Electronic data interchange
EDP Electronic data processing
EDSC Electronic directory customer counts (ISDN BRCS)
EDSX Electronic digital signal x-connect
EDZ Facility emergency assignment list
EE Combined access INTER/TRA blocal 1-26
EE Initials of supervisor reviewing this ticket.
EEC Electronic equipment cabinet
EECT End-to-end call trace
EEDP Expanded electronic tandem switching dialing plan
EEE Electronic equipment enclosures
EEHO Either end hop off
EEI Equipment-to-equipment interface
EEPROM Electrically erasable programmable read only memory
EF Entrance facility-voice grade INTER/TRA blocal 1-26
EFCTS Electronic custom telephone service
EFRAP Exchange feeder route analysis program
EG Type #2 telegraph INTER/TRA blocal 1-26
EIA Electronic industries association
EIS Expanded inband signaling
EISS Economic impact study system
EIU Extended interface unit
EIn Error indication n (C/I channel code)
EKTS Electonic key telephone service
EKTS Electronic key telephone sets
EL Emergency reporting line INTER/TRA blocal 1-26
ELA Entity load analysis
ELDS Exchange line data service
ELECL Electrical
ELEMNTS Elements
ELI Electrical line interface
EM Emergency reporting center trunk INTER/TRA blocal 1-26
EM Encription module
EM End of medium (ASCII control)
EMC Electromagnetic capability
EMC Electromagnetic compatibility
EME Electromagnetic emission
EMI Electromagnetic interference
EML Expected measured loss
EMM Expandable mos memory
EMS Electromagnetic susceptibility
EMS Expanded memory specification
EMSCC Electromechanical switching control center
EMV EMC (german)
EN Entity
EN Entity number
EN Exchange network acess facility INTER/TRA blocal 1-26
ENABL Enable
ENFIA Exchange network facility for interstate access
ENHMT Enhancement
ENQ Enquiry
ENTDT Entered date and/or time
EO End office
EOC Embedded operation channel
EOE Electronic order exchange
EOM End of message
EOS Extended operating system
EOTT End office toll trunking
EP Entrance facility-program grade INTER/TRA blocal 1-26
EP Expedited data (SS7: in SCCP)
EPIC Extended PIC
EPL Electronic switching system program language
EPROM Erasable programmable read-only memory
EPSCS Enhanced private switched communication service
EQ Equalizer
EQ Equipment only-(network only) assignment INTER/TRA blocal 1-26
EQPT Equipment
ER Enhancement request
ER Error register
ER Exception report
ERAR Error return address register
ERC Error control (IOS)
EREP Environmental recording editing and printing
ERF Emergency restoration facility
ERL Echo return loss
ERP Effective radiated power
ERPMP Exception report pumper
ERR Error
ERRS Errors
ERTS Error rate test set
ERTS Error rate test sets
ERU Error return address update
ES Extension service-voice grade INTER/TRA blocal 1-26
ESAC Electronic systems assistance center
ESAP Emergency Stand-Alone prefix
ESAP Emergency stand-alone prefix
ESB Emergency service bureau
ESC Enhanced speech circuit
ESC Escape (ASCII control)
ESC Three way calling USOC
ESCC2 Extended high level serial communication controller
ESCC8 Like ESCC2
ESD Electrostatic discharge
ESD Extened super framing
ESF Extended super frame
ESF Speed calling USOC
ESFF Extended superframe format
ESL Emergency stand-alone
ESL Essental service
ESL Speed calling 8 code USOC
ESM Call forwarding USOC

ESM Economic study module
ESMTC Electronic system maintance
ESN Electronic serial number (Cell)
ESN Electronic switched network
ESN Emergency service number
ESP Enhanced service procider
ESP Enhanced service providers
ESP Essential service protection
ESP Print entire summary table
ESS Electronic switching system
ESSX Electronic switching systen exchange
EST Established
ESTAB Establish
ESX Call waiting USOC
ET Entrance facility-telegraph grade INTER/TRA blocal 1-26
ET Exchange termination
ETAS Emergency technical assistance
ETB End of transmission block
ETC Estimated trunk ccs value
ETF Electronic toll fraud
ETL Equipment test list
ETN Electronic tandem network
ETRI Electronics and telecommunications research institute (ROK)
ETS Electronic tandem switching
ETS Electronic translation systems
ETSACI Electronic tandem switching adminstration channel interface
ETSSP ETS status panel
ETX End of text
EU End user
EU Extension service-telegrasph grade INTER/TRA blocal 1-26
EUPOT End user-point of termination
EV Enhanced emergency reporting trunk INTER/TRA blocal 1-26
EV Expected value
EVB Busy call forward USOC
EVC Bust call forward extended USOC
EVD Delayed call forward USOC
EVD Delayed call forwarding
EVST (Ger) End exchange
EW Off network MTS/WATS equivalent service INTER/TRA blocal 1-26
EWSD (Ger) Electronic dialing system (digital)
EX Exercise
EXD ECS crossloading option
EXD Extra digit
EXD Extra digit (MDII)
EXP Extra pulse
EXP Extra pulse (MDII)
EXT Extension
EXTC Expenditure type code
F Facility direction
F Fault (indicator)
F Office or base unit from trouble report.
F1 Facility system
FA Frame aligner
FA Fuse alarm
FAA Facility accepted (SS7 in ISUP)
FAC Facility
FAC Facility Assiment Center
FACD Facility changed msg.
FACS Facilities assignment and control system
FADS Dorce administration
FANALM Fan alarm
FAP Facilities analysis plan
FAR Facility request (SS7: in ISUP)
FAR Federal acquisition regulation
FAS Frame alignment signal
FAST First application system test
FAT File allocation table
FAX Faximile
FC Feature control
FC Frame control
FC From cable
FC/EC Function code and environment code
FCA Final closure abandon (MDII)
FCAP Facility capacity
FCC Federal communications commission
FCC Forward command channel
FCC Frame control center
FCD Frame comtinuity date
FCG False cross or ground
FCS File control systemction
FCS Frame check sequence
FD Private line-data INTER/TRA blocal 1-26
FDD Frame due date
FDDI Fiber distributed data interface (x3t9.5)
FDI Feeder/distribution interfaces
FDM Frequency division multiplex
FDM Frequency-division multiplexing
FDMA FDM access
FDP Field development program
FDT Frame due time
FDX Full duplex
FDY Set fiscal day for LAC
FEA Custom calling feature/PIC
FEA Customer feature
FEAT Feature
FEAT Features
FEBE Far end block error (IOM2 monitor message)
FEC Forward error correction
FECC Front end communication computer
FED Far end data
FELP Far end loop process
FEMF Foreign electro-motive force
FEPS Facility and equipment planning system
FEV Far end voice
FF Check appropriate space where trouble is located
FF Form feed
FG Group-supergroup spectrum INTER/TRA blocal 1-26
FGA Feature group A
FGB Feature group B
FGC Feature group C
FGD Feature group D
FGE Feature group E
FGK Feature group K (ISDN Q.931)
FIB Forward indication bit (SS7)
FID Field indentifiers
FIFO First in
FIFO First in first out (storage)
FIL Filter
FIN Facility information msg.
FIOC Frame input/output controller
FIP Facility interface processor
FIPS Federal information processing standards
FISU Fill in signal unit (SS7)
FITL Fiber in the loop
FJ Frame jump (C/I channel code)
FKP False key pulse
FKP False key pulse (MDII)
FL Fault locate
FL Fault location
FLA Flag
FLD Field
FLEXCOM Fiber optic communication
FLR Frame layout report
FLT Flat
FM Frequency modulation
FM01 DCT alarm activated or retired - 1AESS
FM02 Possible failure of entire bank not just frame - 1A
FM03 Error rate of specified digroup - 1AESS
FM04 Digroup out of frame more than indicated - 1AESS
FM05 Operation or release of the loop terminal relay-1AESS
FM06 Result of digroup circuit diagnostics -1AESS
FM07 Carrier group alarm status of specific group - 1AESS
FM08 Carrier group alarm count for digroup - 1AESS
FM09 Hourly report of carrier group alarms - 1AESS
FM10 Public switched digital capacity failure - 1AESS
FM11 PUC counts of carrier group errors - 1AESS
FMAC Facility maintance administration center
FMAC Facility maintenance and control
FMC Force management center
FMM Finite message machine
FN Feature number
FN File name
FNBE Far and near end block error (IOM2 monitor message)
FNPA Foreign numbering plan area
FOA First office application
FOC Fiber optic communications
FON Fiber optics network
FOR Frame order report
FORPOT Foreign potential.
FOS Frame operations summary
FOS-ALC Fiber optic systems maintance - Alcatel
FOS-ROCK Fiber optic system maintance - Rockwell
FOT Forward transfer (SS7: in ISUP)
FP Functional protocol
FPC Foundation peripheral controller
FPC Frequency comparison pilots
FPS Fast packet switching
FR Fire dispatch INTER/TRA blocal 1-26
FR Fixed resistance
FR Flat rate
FRAC Frame aligner circuit
FRC Forced request configuration
FREQ Frequency
FRJ Facility rejected msg. (SS7 in ISUP)
FRMR Frame reject (LAP-D response)
FRPS Field reliability performance studies
FRQ Facility request message
FRS Flexible route selection
FS File separator
FS/SYM Function Schematic/Symbol Numbers (1AESS Test access)
FSA False start abandon
FSA False start abandon on incoming trunk
FSC Frame synchronization clock (i.e. IOM2)

FSK Frequency shift keying
FSN Forward sequence number
FT Foreign exchange trunk INTER/TRA blocal 1-26
FT Frame time
FTA Frame transfer analysis
FTC Frame transfer completion
FTE Frame transfer establishment
FTG Final trunk group
FTL Frame transfer lets
FTP File transfer protocol
FTR Frame transfer reprint
FTS Federal telecommunications system
FTW Frame transfer withdrawal
FUNCS Functions
FV Voice grade facility INTER/TRA blocal 1-26
FW Wideband channel INTER/TRA blocal 1-26
FWD Forward
FWM Frame work management
FWS Frame work station
FX Foreign exchange
FX Foreign exchange INTER/TRA blocal 1-26
FXO Foreign exchange circuit office direction
FXS Foreign exchange circuit station direction
G Spare box. use for special studies.
GAP (Ec) group of analysis and provision (for ONP)
GB Great britain
GBS Group bridging service
GC Group card
GCE Gated Oscillator Error
GCI General circuit interface (IOM/u(k0)-interface)
GCON Generic conditions
GCP Generate Control pulse
GCR General configuration register
GCS Group control system
GDSUCOM Global DSU common
GDSUCOM Global digital service unit common
GDX Gated diode crosspoint
GDXACC Gated diode crosspoint access
GDXC Gated diode crosspoint compensator
GDXCON Gated diode crosspoint control circuit
GEISCO General electric information services company
GFR General facility report
GG Getails of reported trouble.
GH Gain hit
GHZ Gigahertz
GID Group ID
GKCCR Generated key collection and compression routine
GLA Generate lists for assignment
GND Ground
GNS Gainslope
GNS Gainslope test (SARTS command)
GOC General order control (TIRKS)
GOS Grade of service
GP Group processor
GPA Gas pressure alarm
GPIB General purpose interface bus
GPPC General purpose power controller
GPS Global positioning system
GR General requirments (BellCoRe)
GRA GRS acknowledgement
GRASP Generic access package
GRD Ground fault.
GRD Ground.
GRID Line unit grid.
GRP Group
GRP MOD Group modulator
GRS Circuit group reset (SS7: in ISUP)
GS Ground start (on-hook normal)
GS Group separator
GSA General services administration
GSAT General telephone and electronics satellite corporation
GST Ground start signaling
GSZ Group size
GTC General telephone company
GTE General telephone electronics
GTEI Global tei
GTS Gamma transfer service
GTT Global title transmission
GWY Gateway
Ger German
H Hold state (in EOC)
H Hours
H Trouble ticket number. subparagraph 5.6.4.
H&D High and dry (trunk test)
H- High-
H-RAP Hardware reliability assurance program
HAC Hands-free add-on circuit (for speakerphone)
HBS Hunt group blocks of spares
HC High capacity 1.544 mb/ps-service code for LATA access
HC Hunt count
HCDS High capacity digital service
HCDS High-capacity digital services
HCFE High-capacity front end
HCSDS High-capacity satellite digital service
HCTDS High-capacity terrestrial digital service
HD High capacity 3.152 mb/ps-service code for LATA access
HDB3 High-density bipolar 3 (cept PRI)
HDFI HSM digital facilities interface
HDLC High level DLC
HDLC High-level data link control
HDSL High bit-rate digital subscriber line
HDTV High definition television (soon to be the new buzz word!!)
HDW Hardware
HDX Half duplex
HE High capacity 6.312 mb/ps-service code for LATA access
HEAP Home energy assistance program
HEHO High end hop off
HF High capacity 6.312-service code for LATA access
HF Hunt-from telephone number
HFCC High capacity facility control center
HFR Hardwara failure rate
HG High capacity 274.176 mb/s-service code for LATA access
HGBAF Hardware group blocking acknowledgment failure
HGR Hunt group report
HGS Hunt group summary
HGUAF Hardware group unblocking acknowledgment failure
HH History header
HH Record of repair activity.
HI High
HI High impedance (C/I channel code)
HI Highway interrupt
HIC Hybrid integrated circuit
HIM Host interface module
HIS Hunting ISH
HK Hook
HL IT Siemens semiconductors (nl)
HLC Highest lead factor group count
HLDG Holding
HLLAPI High level language application program interface
HLSC High-level service circuits
HM1 Intercom plus USOC
HMCL Host message class assignment
HMP Intercom plus
HNPA Home numbering plan area
HNS Hospitality network service
HOBIC Hotel billing information center
HOBIS Hotel billing information system
HOLD Call hold (i.253 b)
HP Hewlett-packard
HP Non-DDS digital data 2.4 kb/s INTER/TRA blocal 1-26
HPO High performance option
HQ Non-DDS digital data 4.8 kb/s INTER/TRA blocal 1-26
HR Hour
HR Non-DDS digital data 9.6 kb/s INTER/TRA blocal 1-26
HRS Hours prefix
HS High capacity subrate-service code for LATA access
HSCC High level serial communication controller sab82520
HSCX Extended hscc sab82525
HSM Host switching module
HSSDS High-speed switched digital service
HT Horizontal tabulator
HT Hunt-to telephone number
HTI Highway transfer interrupt
HU High usage
HU High-usage trunk
HUNT Hunting
HUTG High usage trunk group
HW High and wet.
HW High-and-wet
HW Non-DDS digital data 56 kb/s INTER/TRA blocal 1-26
HW Pcm highway
HZ Hertz
I Cable and pair or associated equipment
I Information (LAP-D command)
I Installation
I Invalid
I&I Investment and inventory
I&M Customer services installation and maintenance
I&M Installation & maintenance
I- Information (numbered i-frames)
I/O Ineffective other
I/O Input/output devices
I/O Tnput/output
I0 Feature removed
I1 Added feature
IA Immediate action
IA Ineffective attempts
IAA Ineffective attempt analysis.
IAAN Immediatel action report
IAC0 DLI 0 access error
IAC1 DLI 1 access error
IACS Intergrated access cross-connected system
IAD Incomplete address detected (incoming)
IAM Initial address msg. (SS7: in ISUP)

IB Instruction buffer
IBC ISDN burst transceiver circuit
IBN Integrated business network
IBROFC ISDN BRCS and Analog Office totals
IC Incoming call (x.25)
IC Independent carrier
IC Installation centers
IC Inter-LATA carrier
IC Inter-exchange carrier
IC Interexchange carriers
IC/MC Installation and maintence centers
ICA Incoming advance
ICA Incoming advance (MDII)
ICAN Individual circuit analysis
ICAO International civil aviation organization
ICC ISDN communications controller
ICC Interstate commerce commission
ICCU Inmate call control unit
ICD Interactive call distribution
ICL Intra-RSM communication link
ICLID Individual calling line id
ICM Integrated call management
ICN Interconnecting network
ICOM (taiwan) integrated communication
ICOT Intercity and outstate trunk
ICP Intercept
ICPOT Interexchange carrier-point of termination
ICSC Inter-LATA customer service center
ICSC Interexchange carrier service center
ICSC Interexchange customer service center
ICUG International closed user groups
ICUP Individual circuit usage and peg count
ICUR Individual circuit usage recorder
ID Idle control code
IDA (gb) interated digital access (b64+b8+d8)
IDC Information distribution companies
IDCI Interim defined central office interface
IDCU Integrated digital carrier unit
IDCU Integrated digital carrier unit .
IDCU Integrated digital carrier unit i.e. AT&T Series 5 RT FP 303G
IDDD International direct distance dialing
IDEC ISDN d-channel exchange controller
IDF Intermediate distributing frame
IDI Initial domain identifier (ISO 7498)
IDLC Integrated digital loop carrier
IDLC Intergrated digital loop carrier
IDP Individual dialing plan
IDPC Integrated data protocol controller
IDS Internal directory system
IDVC Integrated data/voice channel
IEC ISDN echo cancellation circuit
IEC Interexchange carrier
IEC International electrotechnical comission
IEC-P (old name of iec-q3)
IEC-Q1 Iec for 2b1q peb2091
IEC-Q2 Iec-q specially for lt and NT1 (without microprocessor)
IEC-Q3 Iec-q with parallel processor interface (i.e. for daml)
IEC-T Iec for 4b3t peb2090
IEEE Institute of electrical and electronics engineers
IEPC ISDN exchange power controller
IF Intermediate frequency
IFAC Integrated digital carrier unit facility
IFRB International frecuency registration board
IFRPS Intercity facility relief planning system
IFS (switzerland) integrated telecom service
IGS Idenitfy graphic subrepertoire (teletex)
IIN Integrated information network
IJR Input a jeopardy reason
ILC ISDN link controller
ILINE IDCU line counts.
IM Input mux
IM Interface module
IMA Additional ineffective machine attempts
IMAS Integrated mass announcement system
IMC IOS mailbox control
IMCAT Input message catalog
IMCF Interoffice multiple call forwarding
IMD Intermodulation distortion
IMM Input message manual
IMMU IOS memory management unit
IMP Impedance
IMP Impules per minute
IMP Interpersonal messaging protocol (x.420: p2)
IMS Interprocessor message switch
IMT Inter-machine trunk
IMTS Improved mobile telephone service
IMU Input measured ccs usage data
IN Intelligent network
IN/1 Intelligent network/1
INA Intergrated network access
INAP Intelligent network access point
INC Incoming trunk groups
INC International calling
INC International carrier
INC SEL Incoming selector
INCAS-A Integrated network cost analysis - access
INCAS-LT Integrated network cost analysis - local and toll
INCAS-S Integrated network cost analysis - shared
INCAS/E Integrated network cost analysis system
INCAS/I Integrated network cost analysis system - embedded
INCIS Integrated network cost information system
INCP Incomplete
IND Individual
INF Information
INF Information (SS7: in ISUP)
INIT Allocation table initalization
INL Inter node link
INN Inter node network
INQ Complete circuit inquiry
INR Information request (SS7: in ISUP)
INS (japan) information network system (b64+b16+d8)
INT Interrupt (i.e. C/I channel code)
INTCCTRL International code control (NTI)
INTCHG Interexchange
INTEGRIS Integrated results information service
INTELSAT International telecommunications satellite consortium
INTR Interrupt
INW INWATS [code 258(8000-8299)]
INWATS Inward wide area telecommunications system
INWATS Inward wide area telephone service
INWBLKD INWATS returned blocked
INWBLKD Inward wide area telecommunications service (INWATS) returned blocked
INWBUSY INWATS all lines busy
INWCCBL INWATS code control blocked
INWDBOV INWATS data base overload
INWDBTO INWATS data base timeout
INWDSBL INWATS direct signaling blocked
INWNNPA INWATS nonpurchased NPA
INWNNPA INWATS nonpurchased numbering plan area (NPA)
INWNOXL INWATS returned no translation
INWONPA INWATS invalid ONPA
INWONPA INWATS invalid originating numbering plan area (ONPA)
INWOVLD INWATS returned overload
INWUNEQ INWATS returned unequipped
INWVLIN INWATS vacant line number
INWVNXX INWATS vacant NXX
IO Inward operator
IOAU Input/output access unit (univac)
IOC Independent operating company
IOC Input/output controler (shelf)
IOC Integrated optical circuit
IOC International overseas center
IOCC International overseas completion center
IOCP Input/output configuration process
IOCS Input/output control system
IODB IDCU on-demand B-channel
IOI Secondary input/output interface pack(s)
IOM ISDN-oriented modular (architecture and interfaces)
IOM2 Extended iom
IOMI Input/output microprocessor interface
IOP Input-output processor
IOP Input/output Processor
IOP Input/output driver
IOP Input/output processor
IOS ISDN operational software
IOS Input/output supervisor (IBM)
IOS Inventory order system
IOSF Input/output shelf assignment
IOT Inter-office trunk
IOT Interoffice test command (SARTS command)
IOT Interoffice testing
IOTC International originating toll center
IP Information provider
IP Inprogress
IP Intermediate point
IP Internet protocol
IPABX ISDN pabx
IPAC ISDN pc adapter circuit
IPACS Interactive planning & control system
IPAT ISDN primary access transceiver
IPB Sipb
IPBC IOM2 PBC (old name for EPIC)
IPC Inter-process communication
IPC Interprocess communication
IPCS IOS process control system
IPCS Installation product costing system
IPCS Interactive problem control system
IPIB Intelligent personal computer interface board
IPIDB IDCU peripheral interface data bus
IPL Initial program load
IPL Interoffice private line signaling
IPL Interoffice private line signaling test (SARTS command)

IPLAN Integrated planning and analysis system
IPLS InterLATA private line services
IPM Impulse per minute
IPM Impulses per minute
IPM Interruptions per minute
IPP IOS protocol part
IPP Integrated planning process
IPPC Interdepartmental project planning committee
IPR Installation performance results system
IPS Installation performance results
IPS Integrated Provisioning System
IPS Integrated provisions system
IPX Integrated packet exchange
IQS Instant request system
IR Incoming register
IRBR Integrated resource billing report system
IRC International record carrier
IRIS Industry relations information system
IRLF Incoming register link frame
IRM Information resource management
IRMC Incoming register marker connector
IRO Industry relations operations
IROR Internal rate of return
IRP Integrated revenue planning
IRPC ISDN remote power control psb2120
IRR Internal rate of return system
IRRS Interactive request and retrieval system
IRS Industrial revenue summary
IRT IDCU remote digital terminal
IRU Integrated recovery utility (sperry)
IS Interrupt set
IS/SADQ Interstate special access demand quantification
ISA Indicate status application
ISAC-P ISDN subscriber access controller
ISAC-S ISDN subscriber access controller
ISAM Indexed sequential access method
ISC Intelligent serial controller
ISC International switching center
ISC Planintercompany services coordination plan
ISC/TE Information systems center for technical education
ISCAR Information systems costs analysis reports
ISCOM SWBT intercompany service coordination (ISC) order monitor
ISCP Integrated service control point
ISCP/MSAP ISCP/multi-service application platform
ISCP/SPOCK ISCP/service provisioning and on-line creation tool kit software
ISDN Integrated services digital network
ISF Inquire on a single facility
ISG Isolated system grounding
ISH Complete circuit inquiry short
ISI Industry support layout
ISIS Interstate settlements information system
ISLM Integrated services line module
ISLU Integrated services line unit
ISLUCC Integrated services line unit common controller
ISLUCD Integrated services line unit common data
ISLUHLSC Integrated services line unit high level service circuit
ISLUMAN Integrated services line unit metallic access network
ISLURG Integrated services line unit ringing generator
ISM ISDN switching module
ISM Interactive synchronous mode
ISMP Industry specific measurement plan
ISMS Integrated service management system
ISMTL Information systems management training
ISN Information systems network
ISN Integrated systems network
ISNET Interim solution network (Kansas city only)
ISO Information systems organization
ISO International organization for standardization
ISOFC ISDN office totals
ISOPDB Information systems organization planning data base
ISOSS Intercompany service order switching system
ISP Intermediate service part
ISPBX Integrated systems PBX
ISPC International signaling point code (SS7)
ISPF Interactive system productivity facility
ISPI ISDN packet interface
ISRP Information systems rules panel
ISS Integrated switching system
ISS Issue
ISSANRC Interstate special access non-recurring
ISSC Interfunction special service coordination
ISSCO Intertoll
ISSN Integrated special services network
ISSN Intergrated specal services network
ISSS ISDN supporting system
ISTA Interrupt status register
ISUP ISDN user part
ISUP ISDN user part (SS7: q.76x)
ISUP Integrated services user part
IT Inactivity test (SS7: in SCCP)
IT Intertandem tie trunk INTER/TRA blocal 1-26
ITAC ISDN terminal adaptor circuit
ITC Independent telephone company
ITC Interdepartmental training center at dallas-texas for
ITD Intertoll dial
ITEA Interoffice trunks engineering and administration
ITF Integrated test facility
ITG Intergrated traffic generator
ITIMS Integrated transportation information management system
ITIMS/IE Itims/information expert
ITM Cable pair item number
ITNA Improves thrid number acceptance
ITNO Item number
ITS Institute of telecommunication science
ITS Integrated test system
ITS Interactive training system
ITSE Incoming trunk service evaluation
ITSO Incoming trunk service observation
ITSTC Information technology steering committee (cen
ITT Idle trunk test
ITU International telecommunication union
ITU International telecommunications union
ITVSE Intermediary transport vendor service center
ITW Instructional technology workshop
IU Network/port interface unit
IUP Installed user program (IBM)
IVD Integrated voice data
IVP Installation verification procedures
IVP Installation verification program
IVTS International video teleconferencing service
IWF Interworking facility (gateway)
IWU Interworking unit (gateway)
IX Interactive executive
IXC Or icinterexchange carrier
IXM Interexchange mileage
IZ Interzone
J Enter centrex (CTX) or multiline hunt group (MLHG) number
JAD Joint application design
JAM Jumper activity management
JCL Job control language
JDC Japan digital cellular
JDC Job duties code
JDI Job disposition indicator
JDIP Jmos/dopac interface process (comptroller system)
JE Job evaluation
JEC Journal entity code
JES Job entry subsystem (IBM)
JES Job entry system
JES 2 Job entry system 2 (IBM)
JES 3 Job entry system 3 (IBM)
JET BTL TIRKS jumper evaluation technique
JFC Job function code
JGF Junctor grouping frame
JIB Job information block (VMS)
JIM Job information memorandum
JIS Jurisdictional interstate services
JK Jack
JKLAP Jack/key/and lamp access panel
JL Jumper length
JMOS Job management operations system
JMOS/PT JMOS/pricer-tracker
JMOS/RPTS JMOS reports
JMOSCA Jmos contract administration
JMX Jumbogroup multiplex
JOSS Job order status system (distribution services system)
JOSSVM Job order status system/VM
JOVIAL Jule's own version of the international algebraic language
JP71 Joint practice 71
JP80 Joint practice 80
JPH Jumper placement history
JSC Job status code
JSN Junction switch number
JSW Junctor switch
JTR Jitter
JTRS JMOS trouble reporting system (distribution services system)
JUICE JMOS user input card entry (distribution services system)
K DACS-SRDC
K Equipment frame designation
K Kilobit
KBPS Kilobits per second
KCA Key contributor award
KCO Keep cost order
KD Keyboard display
KDROP Key display receive only printer
KDT Keyboard display terminal
KERMIT Kermit
KEY Stop hunt or random make busy hunting
KFT Kilofeet
KHZ Kilo-hertz
KHZ Kilohertz
KITSKOTS Kansas inward toll service/Kansas outward toll service
KOHM Kilohms
KOP Thousands of operations per second

KP Key pulse
KPR Killer pair report
KSDS Key sequence data set (IBM)
KSM Create a transaction mask
KSR Keyboard send-receive
KSU Key service unit
KTA Korea telecommunication authority (ROK)
KTS Key telephone set
KTS Key telephone system
KW Keyword
L Shift preference (if any) for this work to be performed.
L/AOS Legal/advanced office system
L2DOWN Level 2 is inoperable.
L2QLTY Poor level 2 transmission quality.
L3-ERC Layer 3 error control (IOS)
L3M Layer 3 mgr. (IOS)
LA Local area data channel INTER/TRA blocal 1-26
LA Loop assignment
LAC LAN application controller
LAC Loop assignment center
LAD Label definition
LAD Loop activity data
LADS Local area data service
LADT Local access data transport
LADT Local area data transport
LAI Line equipment assignment inquiry
LAI$ Local automatic intercept system
LAJMS Ledger and journal maintenance system
LAMA Local automatic message accounting
LAMA-C Computerized local AMA for No. 5 crossbar
LAN Local area network
LANMS Light amplified by stimulated emission of radiation
LAP Link access protocol
LAPB (LAP-B) link access procedure of balanced mode
LAPD (LAP-D) link access procedure of D-channels
LAPD Link access procedure on the D channel
LAPM (LAP-M) link access protocol for modems
LAPX Lapb extended (t.71)
LARG Lidb access routing guide
LASS Local alarm scanning system
LASS Local area signaling service
LAT Local access termianl (RMS-D1)
LATA Local access and transport area
LATA Local access and transport areas
LATA Local access transport area
LATIS Loop activity tracking information system
LATIS I/F Loop activity tracking information system interface
LATIS/INPUT Locally developed program used to input to the latis system
LB Voice-non switched line-service code for LATA access
LBBD Loopback B1
LBI Load balance index
LBK Loop test (SARTS command)
LBK Loopback
LBL Online tape label printing
LBNCGI LIDB BNS message with call gapping indicator present
LBNGM LIDB BNS garbled message
LBNMGM LIDB BNS return value missing group or misrouted
LBNNAN LIDB BNS return value no translation for an address of such nature
LBNNCG LIDB BNS return value network congestion
LBNNFL LIDB BNS return value network failure
LBNNPG LIDB BNS return value nonparticipating group
LBNNSA LIDB BNS return value no translation for this specific address
LBNREJ LIDB BNS reject message received
LBNSCG LIDB BNS return value subsystem congestion
LBNSFL LIDB BNS return value subsystem failure
LBNTO LIDB BNS message missed because of timeout
LBNUP LIDB BNS message with unexpected reply
LBNUUR LIDB BNS return value unequipped user
LBO Line buildout
LBP Load balance parameters
LBR Large business remote
LBRV Low bit rate voice
LBS Land and building system
LBS Load balance system
LBS Load balance system (BTL) module of tnds
LBST Loopback device signature table
LBU Loopback devices signature table
LBU Loopback unit
LBn Loopback channel bn request (command in IOM2 monitor and EOC)
LC Line card
LC Line count
LC Output line count
LC Pending service order count
LC Voice-switched line-service code for LATA access
LCAMOS Loop cable administration and maintenance operations system
(predictor)
LCC Line class code
LCCIS Local common channel interoffice signaling
LCCL Line card cable
LCCLN Line card cable narrative
LCD List cable summary
LCDCGI LIDB CCRD message with call gapping indicator present
LCDGM LIDB CCRD garbled message
LCDMGM LIDB CCRD return value missing group or misrouted
LCDN Last called directory number
LCDNAN LIDB CCRD return value no translation for an address of such nature
LCDNCG LIDB CCRD return value network congestion
LCDNFL LIDB CCRD return value network failure
LCDNPG LIDB CCRD return value nonparticipating group
LCDNSA LIDB CCRD return value no translation for this specific address
LCDR Local call detail recording
LCDREJ LIDB CCRD reject message received
LCDSCG LIDB CCRD return value subsystem congestion
LCDSFL LIDB CCRD return value subsystem failure
LCDTO LIDB CCRD message missed because of timeout
LCDUP LIDB CCRD message with unexpected reply
LCDUUR LIDB CCRD return value unequipped user
LCE Line concentrating equipment frame
LCEN Line card equipment number
LCI LAN CPU interface
LCIE Lightguide cable interconnection equipment
LCLOC Line card location
LCM Line concentrating module
LCMC Line concentrating controller module
LCN Logical channel number
LCN Logical channel numbers
LCOS Line Class of service (GTE)
LCP Language conversion program
LCP List cable pairs
LCR Least cost routing
LCR Line concentration ratio
LCRMKR Line card remarks
LCS.MIT.EDU Telecomm digest archive site on the Internet
LCS7 Link controller for signaling system No.7
LCSE Line card service and equipment
LCSEN Line card service and equipment narrative
LD Load
LD Loading division
LD Long distance
LD Voice switched trunk-service code for LATA access
LDBM Listing data base maintenance
LDES Long distance experimental schedule
LDM Logical data model
LDMTS Long distance message telecommunications service
LDN Listed directory number
LDS Local digital switch
LDSU2 Local digital service unit - model 2
LDT Local display terminal
LDU Long distance usage analysis
LE Leading edge (bsp)
LE Line equipment
LE Local exchange (contains D-CTL)
LE Voice and tone-radio landline-service code for LATA access
LEAD Loop engineering assignment data
LEAP System testing tool to simulate multiple 3270 users
LEAS Lata equal access system
LEC Local exchange carrier
LED Last entry data
LED Light emitting diode
LED Light-emitting diode
LEE Nac related line equipment transfer order establishment
LEFTS Loop electronic forecasting and tracking system
LEG Customer training file
LEIM Loop electronic inventory module
LEIM Loop electronics inventory module
LEIS Loop engineering information system (applications)
LEN Line equipment number
LENCL Line equipment number class
LENG Length
LERG Local exchange routing guide
LET Line equipment transfers
LETS Law enforcement teletypewriter service
LEV Level
LEW Line equipment transfer withdrawal
LF Data low-speed-service code for LATA access
LF Lease file
LF Line Finder
LF Line feed
LF Line finder
LF Load factor
LF Low frequance
LFACS Loop facilities assignment and control system
LFACS Loop facility assignment and control system
LFC Load factor calculation
LFR Line failure report
LFRC Local field reporting code
LG Basic data-service code for LATA access
LGC Line group controller
LGN List hunt groups

LH Line hunting (i.252 f)
LH Voice and data-psn access trunk-service code for LATA access
LI Length indicator (SS7)
LI Link interface
LIB Line interface board
LIDB Line information data base
LIDB Line information database
LIE Left in equipment
LIFECOST Life cycle cost system
LIFO Last in
LIJ Left In Jumper
LIM Less than the specified number of pairs
LIN Line
LIN Transmit alit data to COSMOS
LINCS Lan integrated network communications system
LINIS Line and number inventory system
LINK Loop interface network
LINK1 The basic rate interface transmission extension (BRITE) link one is down
LINK2 The BRITE link two is down.
LINK3 The BRITE link three is down.
LINK4 The BRITE link four is down.
LINK5 The BRITE link five is down.
LINK6 The BRITE link six is down.
LIS Library information system
LIST Listen
LIT Line insulation test
LIT Line insulation testing parameters
LIU Lats interface unit
LIU Line interface unit
LIU Line user interface
LJ Voice and data ssn access-service code for LATA access
LK Voice and data-ssn-intermachine trunk-service code for LATA access
LKNODE Link node
LL Logical link
LL Long distance terminal line INTER/TRA blocal 1-26
LL Long lines
LLC Line load control
LLC Low level controller sipx6100
LLD Low level device drivers (IOS)
LLDB Location life data base
LLF Line link frame
LLID LI identifier
LLL Last look logic
LLN Line link network
LLN Line link network (ess)
LLP Link layer protocol (lapd)
LLS Local Line Switch (GTE)
LME Line module equipment
LMMS Local message metering system
LMOS Loop maintenance operations system
LMOS Loop maintenance operations systemr
LMOS F/E Loop maintenance operations system front end
LMOS HOST Loop maintenance operations system host
LMOS I/F Loop maintenance operating system interface
LMS Litigation management system
LMS Loop maintenance system
LMS/TUM Local measuring system/temporary usage measurement
LMT Local maintance operations system
LMTS Limits
LMU Line multiplexer unit
LMX L-multiplex
LN Data extension
LN Leased network
LN Loop normal (on-hook normal)
LNA Line and number administration
LNA Low noise amplifier
LNBAS Call failed due to the query being blocked at the switch
LNBN Call failed due to the query being blocked in the CCS network
LNG Longitudinal
LNS Line number status
LO Low threshold
LOA Limit operator attempts
LOAD Listing of acronym definition
LOC Local
LOC Local operating company
LOC Location of cable on frame
LOCAP Low capacitance
LOCN Location
LOE List originating line equipment
LOE Location operating entity
LOES Lajms online entry system
LOF Lock off-line
LOF Loss of frame
LOGIC Logistics integrated control system
LOGU Logical units assignments
LOMS Loop assignment center operations management system
LON Lock on-line
LONALS Local off-net access lines
LP Telephoto/facsimile-service code for LATA access
LPA Link pack area
LPBK Looped back
LPCDF Low profile combined distributing frame
LPCDF Low profile conventional distributing frame
LPIE Loop plant improvement evaluator
LPIE2 Loop plant improvement evaluator 2
LPK Line concentrating equipment line packs
LPM Lines per minute
LPM Logistic planning module
LPS Log/print status
LPT Loop test
LQ Voice grade customized-service code for LATA access
LR Loop reverse (off-hook normal)
LR Protection relay-voice grade-service code for LATA access
LRAP Long route analysis program
LRC Longitudal redundancy check
LRC Longitudinal redundancy check
LRIA1 Long run incremental analysis i
LRISP Long range information systems planning organization
LRM Line resource monitor-ims (BMC)
LRN Local reference number
LROPP Long-rangeoutside plant planning
LROT OR LRH Local rotary
LRP Long rang planning
LRS Lease record system
LRS Line repeater station
LRSS Long range switching studies
LS Local service INTER/TRA blocal 1-26
LS Loop start signaling
LS&E Local service and equipment
LSA Local security administrator
LSA Local subaccount
LSB Lower side band
LSBS Location specific bypass system
LSD&F Local switching demand & facility data base system
LSDB Listing service data base
LSDF Local switching demand and facility data base system
LSDN Local switched digital network
LSE Line and station transfer order establishment
LSEC Loss of sec (C/I channel code)
LSHF Message LAN shelf
LSI Large-scale integrated circuitry
LSL Loss of signal level (C/I channel code)
LSM Load synchronization mechanization
LSM Local switching module
LSN Logical session number
LSO Local service office
LSO Local storage option-ims (IBM)
LSRP Local switching replacement planning
LSRP Local switching replacement planning system
LSS Lata switching systems
LSS Listing service system
LSS Listing services system
LSS Loop switching system
LSSGR Lata switching systems generic requirements
LSSI Local special service inventory
LSSR Local special service results
LSSU Link state signal unit (SS7)
LSSU Link status signal unit
LST Line and station transfer
LSU Line switch unit
LSU Local storage unit
LSU Loss of signal level of u interface (C/I channel code)
LSUE Lsu error condition (C/I channel code)
LSV Latch switch verification
LSV Line status verifier
LSW Line and station transfer withdrawal
LT Lata tandem
LT Line termination
LT Local terminal
LT Long distance terminal trunk INTER/TRA blocal 1-26
LT-S Lt on s bus
LT-T Lt on t interface
LTAB Line test access bus
LTB Last trunk busy
LTC Line trunk controler
LTC Local test cabinet
LTD Local test desk
LTD Local test desk (#16
LTD Long term disability
LTD Lt disable (C/I channel code)
LTERM Logical terminal-ims (IBM)
LTF Light terminal frame
LTF Lightwave terminal frame
LTF Lightwave terminating frame
LTF Line trunk frame
LTG Line translation group
LTG Line trunk group
LTI Loop termination identifier
LTMA Lightwave terminal multiplex assembly
LTMA Lightwave terminating multiplexing assembly
LTN List telephone numbers
LTOP Long term disability plan

LTP	Line and trunk peripherals
LTP	Local test port
LTP	Loop technology planning
LTS	Loss test set
LTU	Line trunk unit
LTUC	Ltu control
LU	Line unit
LU 6.2	Protocol for appc
LU2	Line unit model 2
LUA	Link up america tracking
LUCHBD	Line unit channel board
LUCOMC	Line unit common control
LUHLSC	Line unit high level service circuit
LUIF	Living unit interface file
LUM	Line utilization monitor-ims (BMC)
LUPEX	Line unit path exerciser
LURR	Large user reproduced records system
LV	Sdlv
LVL1ERR	Level 1 protocol error.
LVL2ERR	Level 2 protocol error.
LVL3ERR	Level 3 protocol error.
LVM	Line verification module
LW-SSS	Lightwave system support services by weco
LWC	Leave word calling
LX 2	Local originating
LX 2	Local terminating
LXE	Lightguide express entry
LZ	Dedicated facility-service code for LATA access

MORE IN THE NEXT ISSUE!

If you operate a BBS and would like to have a "spotlight" done on it in the future, please send us a couple of pictures of your system, the name and data number of your system, YOUR name, address, voice phone number and include a small letter describing the "history" of your system. If you'd just like to have your system listed, forget the pics and the letter! We'll add ya!

Send to:

BLACKLISTED! 411 BBS SPOTLIGHT

P.O. BOX 2506

CYPRESS, CA 90630

DEF CON

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-=[MYStory]=-

of

> > ACCESS ALL AREAS < <

Freaked and dreamed...by Mr. L isterique The Phreak

Shouts: Once again, acknowledgement and adulation goes out to all the open minded phreaks across the world!

So finally it's my turn to tell you a bedtime story. Stop screaming it's not gonna save ya. The nightmare. God I hate dreaming. Three, Four...better lock your door. Five, Six... grab your crucifix. Seven, Eight...better stay awake. Nine, Ten...He's back again. Some say I was murdered, but no body was ever found.

How it all started. After a day of hard working I went home and found some mail in my room. Besides those fucking bills I found two mags. The first mag was: SPLOSH! It's a mag from the UK and it's about naked girls with big hooters (HONK HONK!) wich are totally covered with mud, paint, whipped cream and ohter kinds of fluid food. Anyway, it seems to me that those British people are more sleazy then I ever thought before. For those curious outhere:

Splosh! PO Box 70, St Leonards-on-Sea, East Sussex TN38 OPX,UK

The other mag was: U.S. Cavalry. It's about military and adventure equipment. They carry out also some phonedevices, bugs, lasers and other weird shit. However this mag was send from the UK. It turns out that you can send this mag to your friends for FREE by filling in a form. So somebody from the UK just did this. The question was: who did it?. Hmmm...it could be Phantasm (uabbs@works.com). The dude who runs Unauthorized Access, Britains largest computer underground BBS +44-(0)636-708063 Naaah, it was too long ago when I contacted him. I think it's CODEWALKER. So I sent him a note. Shut up stupid! I know for a phreak it's quite lame to send a note. But hey, I hadn't phreaked for the last 5 months, so I had no working calling cards, pbx's and I succeeded only a few times to make a bluebox call this year. Simply because it's quite hard nowawadays. It's not complete dead but like I mentioned before, I justhadn't phreaked for the last 5 months. And I also stopped cracking payphones a long time ago. Besides I was busy with making nice phreakfiles for the Dutch scene. If you are Dutch be sure you get your hands on these Listerique phreakfiles:

- 5(M)ESS. A complete documentation about the Dutch phone(s) -Which includes dialups and other secret phonenumbers!

- Antwapp. All about answering machines. Including examples and lots of codes.

- Bluebox. All Dutch toll free numbers for blueboxing with some hints.

- bankhack. A nice file indeed. Also other interesting phone numbers are mentioned in it.

- Modemnut. All tollfree modem numbers. Inlcuding AT&T Hack.

- PBXcrack. All Dutch toll free PBX dialups.

- Voicemail. My best phreakfile till now. All About voice mail hacking. Including some very complete CEWL Hacks.

- Phreakit. A complete scan of a dutch area. Only the secrets numbers are listed! Including PTT TELECOM Numbers.

Watch out for more interesting files in the near future:

- Heavy duty: Just wait you Dutch Phreaks.

- GSM: this article will be printed in PRIVATE LINE. Like Onkel Dittmeyer said: It's a magazine for phreaks. It's only just about phones! Volume 2, No.4 was cool indeed. For phreaks who didn't heard about this mag, here is the adress:

Private line (six times a year, by Tom Fairley)
5150 Fair Oaks Blvd.#101-348
Carmichael, CA 95608 USA
(916) 488-4231 VOICE
(916) 978-0810 FAX
Privateline@delphi.com editor and publisher (Tom Fairley)
Damien@prcomm.com technical editor (Damien Thorn)

Oh, I almost forgot the most important thing. Did I told you yet that I have a girlfriend. NO!? I've got a girlfriend. And she knocks me out everytime. OUCH! She is not only very attractive, she has brains too! OH BOY! Long dark hair, soft red lips, wild brown eyes, pretty face, long legs, a good shape. Nice but and cute tits. MAN, She is a VAMP! A man-killer! I always wanted une Femme Fatale! And now the great part of her: She does not have an attitude! Call me mr. LUCKY! |) Sorry for drifting away but I just had to do it. I think this guy is just melting. Being in LOVE is a great feeling. I LOVE YOU MARJOLIJN!

Alright I continue the story. I received a note back wich was an invitation for Access All Areas too. This dude wrote me that I can come over and have a sleep at his place. Don't worry dudes, he's married. PHEW! This sounds interesting. Although, I

was saving my money for a new car. Fuck the car, I'll buy my Honda CRX next month. I AM GOING TO ACCESS ALL AREAS IN THE UK! PARDEY, PARDEY!!! Two days later I bought my ticket:

Which airport do you want to land on, sir?
Huh? Are there more airports for London?
Yes, sir.
Well, in that case, I want the closest to London City.
Allright, sir. That's gonna be London City Airport.

Live is just too simple..... Now I just have to get some pound notes. I bought 125 pounds (325 guilders/US $200). It is not too much, I know it would be far too less if I would freak out overhere in one weekend. If I had bought more I just had spent it anyway. I wonder if those UK Phreaks know how to booze. A few days later my phone ringed. At that time it was 1 o'clock midnight. Rule NR 1: NEVER give your phonenumber to a foreign phreak. The night before I had slept only 3 three hours (yup, pardey), so I was quite bushed. Anyway, It was a friend of codewalker. Well that's what he told me. I can't remember much of the conversation but I told him wich plane I took and some other crap. Damn!, this dude was calling with a mobile phone wich had global access. COOOOOOOL! It sounded great. At least, better then those sloppy mobile connections of PTT TELECOM. You won't believe the shit they are selling over here. Holland is almost the smallest country in Europe and also a country with no mountains at all. In this country PTT TELECOM succeed to fuck it up. One year after releasing GSM, wich was delayed already one year, it's still not possible to reach all areas in Holland. I am talking about big areas here. Instead of installing more radiostations and antennas, they're driving with testvans all day to measure the network. FUCKING IDIOTS! It also happened a few times the whole networked collapsed ! People were quite upset. Most people are also pissed about those astronomic rates for making GSM calls. And so it happened that GSM users started an action commitee against PTT TELECOM. Way to go, PTT Telco!

A few days later Codewalker himself called me, good old PBX, just to let me know how I should get there. Finally it was friday, at 16:00 I arrived at Rotterdam Airport. At 5 o'clock I was heading to London. When the plane took off my balls were vibrated just at the right frequency. IT FELT GOOD! It was quite hot that day and I hoped we would crash in the Northsea. AAAAaaahh...Quickdive to hell! Besides the stewardess gave us a excellent show with here live jacket...NOT! She must really hate this. Since the plane wouldn't crash I had to think up a better idea. So I asked somebody to open up a window. I wonder why some people started sreaming. I was only joking! I grabbed my walkman and listened to my latest copy of Fresh Fruit Records (cocktail 1&2). I just bought these CD's yesterday. So I wasn't able to listen to them till then. Rene et Gaston, D.J. Zki & Dobre RULEZZZZzzzz ! (klatsch, oh boy, Spectacle de Foire :) !!!!!, let's get closer baby, do you know what I mean, Vallee de Larmes, etc.). Music huh? That reminds me, we flew above the main harbor of the world, the port of Rotterdam. And when I saw that place I thought immediately of the Raveparty at that place last year. It was HUGE! Mysteryland was cool! Three days of raving, over more then 10,000 people, 275,000 WATT. It had all kinds of music: Thunderdome: hardcore, House of love: club/mellow, The eclipse: the zone for the progessive trance- and techno- scene wich was cool indeed. I just like to rave.

Finally I arrived at London airport. From the airport I took a cab to the Woolwich Ferry. The Woolwich ferry!? said the cabdriver. I said: Yes, what's wrong with it. He answered: What's right with it! When I arrived at the ferry it turned out it was one old bitch of a ferry. Anyway, it was free for passengers. At the other side of the Thames (Theems) Codewalker would pick me up. Since I had to wait for half an hour I started writing my postcards. I hate writing postcards but if I don't, friends and relatives starts whining, you know what I am talking about. After writing the cards I took my special t-shirt out of my bag and hang it up on the little wall and waited. On the front was a smiley printed with a phone in his hand, under the smiley was printed: Phreaking is therapy.

On the back was printed:

YOU GOTTA SAY YES TO ANOTHER

E X C E S S

I love It, I need It: EXCESS
I Ate It, I Want It: EXPRESS
I Inn It, I Get It: NOT LESS
I Mean It, I PHreak It: 5ESS
I Jam It, I :) It, IT'S JAZZ
I Love It, I Need It: EXCESS

FUCK THE PHONECOMPANY

KILL PTT TELECOM

A few minutes later codewalker showed up. We drove to his house and had spaghetti bolognese for dinner. Since the conference was tommorow we went out that evening. We first picked up Paul. We rang at his door and called him up with the cellphone at the same time, heh heh. Codewalker is an entertaining guy. Paul looked like a Hippy. I wanna be a hippy and I wanna get stoned but I never knew why. I want to get high! He acted cool anyway. He sold his modem the day before. So we called him mr. Nomodem, heh heh. We went first to a local pub. I don't like beer so I took the heavy stuff. I just had to taste an English beer so I took a zip of Paul's beer. It tasted quite well, I thought English beer was tepid, but it wasn't. I was right about the foam. English beer doesn't have foam and it's not real strong. After a few bacardi/whiskey-cola's I wanted a Safari-cola. Guess WHAT! They don't know about Safari. What a hell. They fixed me something with lemon. I don't know what it was but it tasted good. There was also a karaoke show in the pub and it was codewalker's turn. He song: "cherry baby" with a very high pitched voice. He was good! I liked it :). And so did the everbody. The pub was nice indeed, it had something Dutch! But then suddenly, a quarter past eleven, they told everbody to get out. Finish your drink and go home! IMAGINE. How rude. I just couldn't believe it. Normally I go out at that time! It appeared it was something typically British. Lucky enough codewalker knew some hidden club. We walked to this club. Paul began to run accross the streets like a madman. He looked funny! After a few times banging on the iron door it opened. We threw some darts and played pool had a drink and then

headed to the Westend in London city. Allright. We just walked around and ate some food. Most clubs were just too expensive so we didn't go in or we were just not allowed too go in. I think we looked weird and very undressed, i.e. Paul ;)
Then somebody asked us in his club, club22, we followed the man and went inside. It was some weird room inside a vague building. They gave me wodka, but I thought it was a seven-up without bubbles. NO KIDDING! I think I had drunk too much that evening. After the pool we went out. We just had a quick look in a smut shop and after that we took an expresso. We decided to go home because it was late and the congress started early. While driving home, codewalker told paul what GIF's I had send him. The rest of the drive both told me all the time I was a sick Fucker!. You tell me: What's wrong with bestials, fistfuckers, poo poo sex ???? After a few hours sleeping we woke up at 10 o'clock. The congress would start at 10:00 so I guess we were late. We did go with the train otherwise we would stuck in a trafic jam. We arrived at half past eleven and had to wait outside in a row. I hate waiting. The congress would, actually, start at twelve. So we were not late indeed. Of course Hack-tic was present. I like them. They just know their stuff. I liked the Hack-tic mag. It's a shame they stopped. It was always very funny and had also nice hackinfo in it every time.

The first day of access all areas sucked real hard. Most of the stuff was cancelled. So we hit the street most of time, just eating and walking. Hack-tic told a story about how Hack-tic started and something about the political responsibility of hackers. They did it well. After that we went to the pay phones inside the uni and took the phonewires out of the ceiling. How phunny, the wires were quite long. Too bad nobody had bring a phone with them. Paul went even home later that evening, because access all areas was a tragic happening. He was a lamer anyway, wait it was wurse. He was a LAMER-WANNABE :) Codewalker and me just listened to emmanuel goldstein and after that we watched a movie about the NSA, both were nice, and we went home too. Before going to the train we ate steak. We decided to go to bed because the night before we had less sleep and tommorow the conference would start early again.

Finally it was sunday. Usually I sleep on Sundays, my record is 18:10 Not bad indeed huh? But now I was motivated to wake up early: I looked forward too it, because BILLSF would show up. YES! Just like the first day, a lot (the best) of the programm was canceled. First an old guy told us something about hacking in his days, it was nice to listen to it. Second a guy tried to explain something about Pagers and FSK. Actually he did not. In the begining he was bend over and mumbled all the time in the mic. Then rop connected the long wire to the mic, so he could talk more loudly and he was able to show something and talk about it. Ofcourse everbody applaused for this Hitec move of rop. A few minutes later fire brake out, i.e. the firealarm went off. Somebody was smoking in the uni and that caused alarm. First everbody thought it was a joke, but then everbody went out. Outside were lots of kids whit cellphones. One kid walked to codewalker and said that there was somebody on the phone for him, the kid grabbed another cellphone out of his jacket and started to scan the phoneconversation, heh heh! Kids.....
That day there was also a movie crew on the set near the uni. Nobody was allowed to get there, but guess who were allowed.....Between these two speakers we went to a market place, I had an English breakfast: Chips with eggs and bacon, heavy! CW had even beans with it. We sat above on some kind of balcony and watched people. There was a guy who had pink hair, red lipstick, a beard, skirt, pink shoes and he had also a little bag on his back. Besides him was walking his smooth boyfriend. Polly and Molly. Man, what a sick bastards. YUCK! Everytime we saw woman wo looked strange (big tits, fat, etc.) we said: CREDITZ !(for my account on the sleaze BBS, you know!).

Finally it was BillSF it's turn. Before he begun I talked with a German guy which was a true phreaker (contact me on AD dude). Boy, he knew a lot. At least more then I do. He had also many expierence with R2. COOOOOOL! Unfortunately Bill could tell us not all the cool stuff cause he was afraight for getting busted. Anyway it didn't matter what he said, everbody was excited, HEY I WAS. Some people wanted to make pictures, but he didn't liked that. A few hours before I had make a picture of him, he even posed for me! COOOL picture BILL! In the auditorium everbody was allowed to ask bill questions. The german phreaker besides me asked bill if it was possible to mislead the phonecompany somehow that they could not find out that he was dialing 10,000 tollfree numbers every month. Good question! I always thought I was the only one who dialed 10,000 times a month. The answer was: NO! Somebody asked the difference between Caller ID and ANI. Again good question: CallerID is used by customers and ANI is used by the phonecompany. When Billsf finished everybody applaused. He was the best after all! Outside the uni I and some other phreakers talked more open minded with Bill. He is the coolest dude I ever met. He told us about a guy who he knew which could decode R2 tones with his ears and played the phoneline like a Steinway. COOL! Bill told us also that he once was called by an unknown phreak and when the phreak hanged up he had a tune of trunked sattelites.. kaploink kaploink...COOOL!

He is still wondering who that person was. I denie everything. According to Bill, India is phreak country number one! What else did he said....Hmmm, oh I remember. Some time ago it was possible to make free AT&T calls just by typing in a random phonenumber and using ABCD tones as PIN. OUCH! that's real COOOOL. For the Dutch phreaks. Brasil is still phreakable (three tones!!!!!!) Bill didn't gave me the frequencies.....Also, Italy is phreakable, I never knew that, did you????? One of the phreaks told him that he had a toll free number for Yugoslavia. Bill totally freaked out for the first five minutes. I never saw somebody who was just so incredible happy only to hear this. Oh wow, that's so cool. Wow. OOOOh.... he said. He acted like somebody gave him a winning lotery ticket of 10 million bux. I LOVE YOU BILL ! YOU ARE THE FUCKING BEST! Bill please, write some stories for us. Anyway we had some more cool chatting with him. I just gave him my floppy wich contained some files of me. I hope he liked it. EEK EEK !

I don't rememeber what else we did that day. So I guess it was very boring. I do remember I saw the video "unauthorized access". I had already seen it on Hack-tic's farewell party this year. It was cool. Especially the part where Billsf made a bb call from a dutch payphone to the states through Malasia. Everbody at hack-tic's party started yelling and screaming when bill hang up the phone and received his quarter back. Phreaking is Therapy!

So AAA was over that evening and we went home. I had bring some UK AT&T-phonenumbers with me wich I found on a Voicemail system of AT&T. We wardialed a total scan of 100 numbers quickly and found some interesting numbers including an at&t modem. YEAH! It was some kind of a AT&T super PBX. Since we were not real in the mood for hacking we quit it. Codewalker would crack it later on. I just copied a lot of CW his harddisk and we went to bed. The next day I was brought to the Ferry and decided to walk to the airport since I had plenty of time. At the airport I spend my last money on a diner. For some strange reason the douane checked me all over I had to show everything in my bag. Once again in the plane, I asked the stewardess if I could make a picture of the cabin. That's ok she said. It works every time. In the cabine I asked mr. kamikaze if he could do a looping for me. They told me to get out....GRMBL... I grabbed my walkman and listned to a copy of "hands on Yello - remixes".

Finally I was home again. Access all areas was a complete disaster. Perhaps I was expecting to much of it. I really hoped to learn more about phreaking. But there were no workshops or whatever and most people acted a bit weird..heheh. Can somebody outhere make a nice file about R2. Anyway I am planning to go to the 12th chaos communication congress (Germany December 27th to 29th). Dutch company would be appreciated.

If you wanna curse at me, puke one me, fuck me, or just wanna leave cute mail for me:

listerique@eoh.idn.nl

This article was forwarded to us from Private Line magazine for reprint with permission obtained from the author.

Product Review - Video

How to build a RED BOX

Reviewed by Alexander Tolstoy

Many readers have asked the question "How do I build a Red Box?" Recently the staff at Blacklisted!411 had the opportunity to review a product that answers this question in videotape form. The video, "How to build a Red Box" is marketed by the East America Company in Englewood, New Jersey

We popped the tape in our trusty VCR and had a look see. The video takes a viewer step by step through the entire Red Box process including disassembly of the Radio Shack Pocket Dialer, Crystal Replacement, Programming, and Use of the completed Red Box. The video follows a logical progression of all steps needed to make a working Red Box from start to finish, and included basic troubleshooting techniques if the unit doesn't work correctly. The information provided was basically correct and would be easy for a beginner to follow and understand. We however have several complaints on the product that need mentioning.

The video appears to have been made with a very low budget (understandably considering the topic) and has many technical problems. It appears that the entire dialog was overdubed without any sort of audio mixer, using a microphone with a simple on and off switch. This unfortunately causes an audio pop that occurs every time the mic is turned on or off. Additionally, the entire soldering scene is exceedingly long and demonstrated rather poor soldering techniques. The video spends over 10 minutes describing what should be less than a two minute operation. About three quarters of this section could be edited out and still deliver the required data.

Overall the video achieves the purpose of taking a beginner through the entire Red Box process, from start to finish. The information was basically correct and is easy to follow. We give this tape a B+ Grade for Technical Accuracy, a B- for Composition, and a C- for Video Production Quality. The tape is available through the East America Company, 156 Sherwood Place, Englewood, New Jersey 07631 TEL 201-871-9172 or EMAIL 76501,3071@compuserve.com Price (As of 9/1/95) $39 US + $5 US Shipping and Handling.

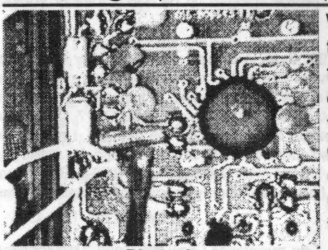


Photo 1

We have some pictures of the video which were frame captured. The quality isn't the best, but you can make out the details enough to figure out what's happening. In photo number 1 (pictured to the left), we have a shot

Photo 2

of the circuit board in the auto-dialer. Notice the crystal which is located near the middle area of the picture, left of the large black object (which is the CPU for the device). The crystal is replaced with a 6.5MHz crystal. That's really the whole technical process to converting this device into a "red box." In photo number 2 (pictured above right), we have a shot of the RS auto-dialer being disassembled. There's nothing to it. Remove a few screws and the sucker pops right open! Really hard, huh? If you've been looking for an extremely easy project to work on, this is what you're looking for! In photo number 3 (pictured following page top left) we see the newly constructed/converted "red box" in use...well, maybe it's a mock up of how it's used, since the use of such a device is extremely illegal and carries a heavy penaly along with it. Anyhow, you see in the picture, that the auto-dialer is placed against the mouthpiece

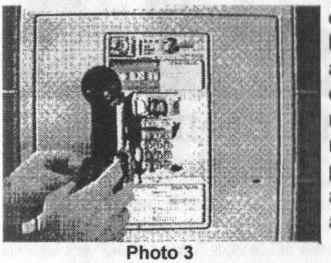


Photo 3

of the payphone's handset. Push a button and away you go!!! Free calls... Ok, in photo number 4 (pictured to the right) we see all the parts/tools needed to accomplish this task of auto-dialer to "red box"

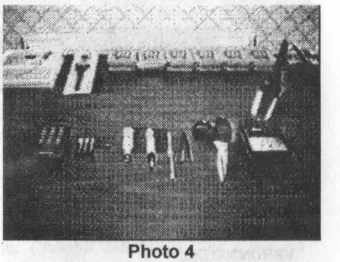


Photo 4

conversion...We have (from left to right), the auto-dialer, batteries, crystal, solder, two screwdrivers, tweasers, scissors, soldering iron and stand for the soldering iron. The scissors can be replaced with a pair of dikes (diagonal cutters) and the crystal can be either 6.55MHz or 6.5536MHz...whichever is easier to find.. They'll both work just fine. Welp, that's it for this review...If you have any questions or comments, email us at: **letters@blacklisted411.com**

Want to have your product REVIEWED?

That's what we thought! It's simple. Send us a sample of your product with a brief description and/or operating instructions along with any other comments and see your product reviewed in an upcoming issue! It'll cost you nothing and you'll have about 30,000 people all over the world looking at your product! So, take the plunge! Send in a product for review!! It's FREE advertising.

Phone-4-Phree

Submitted by UHauL

Each phone company has a way to dial long distance numbers through them with certain number patterns/codes. One of these codes is 102880. This number allows you to charge money, while calling a long distance, to a third number. This process fairly well-known, but I felt I should give this knowledge out to the ones who have yet to know this. You used to be able to do this on a public pay phone, but now you can only use it on private/home phones. Also,It only works in some area codes, but that will be found out by testing the following script with your local phone company. This is what you do:

Dial: 102880

Recording: AT&T, Please dial the number you wish to call, or hold for an operator.

Dial: (___)___-____

Recording: AT&T, Please say 'calling card', '3rd number', or 'collect calling' now.

You say: 3rd Number

Recording: AT&T, Please dial the 3rd party number, or hold for an operator.

Dial: 416-453-xxxx. The xxxx is any 4 numbers, the 416-453-xxxx is a canadian number. The xxxx should be switched every time. eg. 1st call- xxxx=1111, 2nd call- xxxx=2222, etc.

After this process, you will hopefully get connected to the person who you are calling. This system is fairly safe, but I use caller ID block (*67) anyway. Remember, there are many of us who want to use this system, so please don't abuse it. It will be shut down if you do.

Isn't it ironic that we're putting this info in this issue? No doubt, <someone> used a similar tactic when 3rd party billing a bunch of 1 minute calls to our numbers. Haha.. that's pretty funny! Anyhow, this won't always work if the number you are trying to charge to has 3rd party call block on it. Now, in no way does this mean that this particular billing method will *not* work. Oh, there are quite a few companies and carriers that will still let the charge go through - and the call, for that matter. Wow, this is some fun stuff....illegal, of course. Seems like all the fun stuff is illegal.. Anyhow, we can't really suggest using this but, heck, it's for information purposes, right?! Enjoy.

AOHell v3.0 by Da Chronic

Review by Doctor J.

Requirements:
Windows 3.1 or greater,
America Online v1.5 or greater
VBRUN300.DLL

I've recently had the opportunity to review this great program. It really serves no other purpose, other than to wreak havoc on the poor saps that actually enjoy AOL.

There are a number of features that this program contains that "enhance" the AOL software in a number of ways. You still must have the AOL software to use this program, as well as VBRUN300.DLL, which is available on any decent shareware board. Basically, what AOHell does, is it runs on top of AOL. You are then able to call up any of the AOHell functions by clicking on the AOHell button that places itself in the title bar of your AOL screen. There is also another program that comes with AOHell that creates accounts. You can run this program seperately, or you may call it up through the AOHell program.

The account generator program works wonderfully. You simply click on the "generate all" checkbox, and then click on the Start button. You must be connected to AOL before you can use this function. After that, you may simply kick back, and watch. Once it is completed, you may use your new AOL account.

Most of the features in this program are geared to harassing people in the chat rooms. Included is an AI Bot, which can be set up to generate responses to triggered events in the room, which can be a specified word or a specific person. There's also a number of macro features, which can be set to exit and re-enter the room at specified intervals(to reset the chat room's occupants' IGNORE preferences), generate ASCII pictures, roll the dice feature in the AOL rooms, send a text file from your computer, or simply scroll the lines up the screen. My personal favorite is the one that draws a stick figure(you may also have it write a person's name right below the figure) and it draws a large revolver pointed at the stick figure's head. Most of these features have only minor annoyance values, but when used over and over, it gets really irritating really fast. <grin> There is also a feature that enables you to "bust into" a room that you normally cannot get into. This works wonderfully, and the longest I have had to wait for it to do its thing was less than 30 seconds. If you feel like chatting and doing something else(like, say, leeching some cool shareware warezzZZz from the AOL archives) then you might want to try out the DownChat feature. Of course, you can already do this in version 2.5 of AOL's software, but if you're using an earlier version, it is useful. You may also opt to fire up the text manipulation feature, which makes it look like a certain user said something in the chatroom. What this function really does, is it sends a message from you, spaces until the end of the line, and then on the next line types the user's screen name and the message that you wish them to say on the next line, making it look like they typed it. It looks quite convincing.

In Addition to the chat room harassment, you also have a few IM and tricks as well. There's an IM manager, which enables you to block out irritating IMs from other users, but still be able to recieve IMs from a certain person. It sends a generic response that you define yourself to the other users. If you receive an IM from someone that offends you (how dare they?) then you may use the Punt feature to essentially kick them offline. Now, the Punt feature doesn't actually kick them off of AOL. What it does is: it sends a bunch of IMs to them at once (450 to be more exact) and more often than not, this forces their computer to lock up, and they must reboot. Thus, they are kicked offline. Also, there's a feature called the "CC/PW Fisher." What this does, is send generic IMs to persons in your chatroom explaining that you are with the billing dept. of AOL, etc. and that you're having difficulty with their account, blah blah blah, and that you need their credit card information or account password. Of course, to do this you would need to use a screen name that sounds official, like BillingAOL or CreditAOL or whatever suits your fancy.

If chat rooms aren't your thing, and IMs get old, you can always try out the E-mail functions. There's a Mail Bomb feature, which lets you send a few thousand E-mails to a user of your choosing, or you may simply opt to getting a user's account cancelled, by using the Fake Forward feature and telling an AOL staff member that this individual said certain things. For sending email privately on the AOL system, there's an Encrypter/Decrypter function which encodes your mail so that only those that have the password can read the text.

AOHell also enables you to quickly get to the FTP services and leech to your heart's content with having to bother with all of the needless screens that you have to weed through to get to it normally. If you feel like doing a bit of shopping online, feel free to test out the Credit Card number generator and send a few goodies to some people you hate.

All in all, AOHell is a great program if you just feel like harassing the crap out of people. If you want free stuff, you should know better than to try to get it through AOL in the first place. I enjoyed using AOHell, and got many great laughs everytime I was kicked off. You should be able to find this goodie on any semi-decent HPACV board or warez board. It's about 800k and shouldn't hurt your credits too much. Enjoy...

Editors note: AOL has recently sped up the Credit Card verifying process, and to make accounts, one who wants to use AOL(at their own risk) should try using a valid credit card account (We must remind you that credit card fraud carries a hefty penalty!). After this, things should run along smoothly.

So, you want to subscribe....but you think it's TOO MUCH!?
Guess what? It's only $20 a year, now! We're now quarterly!!

Game TipS o' The Month!

SIMCITY

Bonus Gift Trick - Pick a land with plenty of water in it, but do not pick an island. Make sure you pick a land with water near the middle. Now, create roads, find the middle of the land and make a cross with these roads all the way to the edge of the map of you land. Do not connect the cross in the middle of the water, or the trick will not work. Once you make a cross with these roads near a body of water, you will be able to build anywhere from two to five casinos or amusement parks! More Maps - Select "Start New City" on the menu screen, then choose any map number between 1 and 999. "Ok" the map you want. Go into the map and choose the "Go to Menu" icon at the top of the screen. Do NOT save this. Choose "Start New City" again on the menu screen. Wait, and the same map that you chose earlier will turn out to be a different map with the same number! This works all the way from map 1 to 999, giving you a total for 1998 instead of the regular 999.

SUPER GHOULS AND GHOSTS

Stage Select and Sound Test - Make sure both controllers are plugged in. Go to the option screen and move the cursor to the exit. Now instead of exiting, hold button L and START simulataneously on the 2nd controller and press START on the 1st. You will find yourself on a special screen which you can select stages, area, sound effects and music

SUPER OFF ROAD

Unlimited Continues - First plug in both controllers. Next, select a 2 player game and play as the red truck, but let the blue truck stand still. When the race ends, you will be in third place, which will automatically put you in the next race. The unused blue truck will always be able to continue.

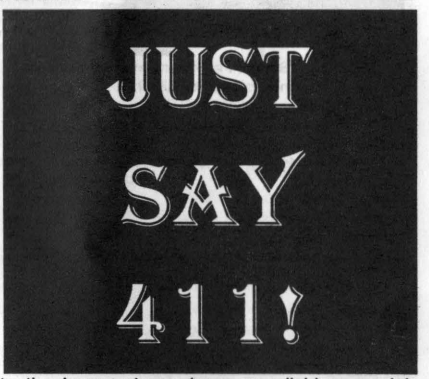
Thank You

JAZZLICKS!!
BILL
KRC
TONY
BRIAN
DIGITAL THUNDER
ERIC
MAJOR COYOTE
EDWARD
JOSEPH
MODEL-T
JIM
TOM FARLEY
DAMIEN THORN
RCMA

PILOT WINGS

Level Codes
Level 1 - 000000
Level 2 - 985206
Level 3 - 394391
Level 4 - 520771
Heli - 108048

Expert level -
Level 6 - 400718
Level 7 - 773224
Level 8 - 165411
Level 9 - 760357
Heli - 882943

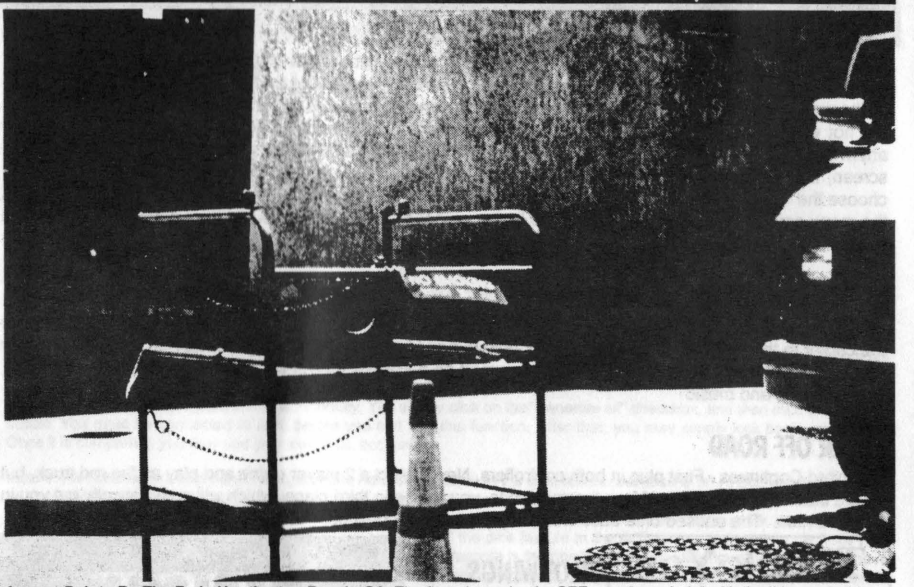


Bonus Stages - Get to the bonus stages by accomplishing special maneuvers on the Rocketbelt and Parachute rounds. Ignore the rings and other objectives in these rounds and maneuver your character over the moving platform in each level. If you can land on this portion of the target area, you will be taken to the bonus stage with a perfect rating of 100 points! When you are using the Rocketbelt and get this bonus, you will be transformed into a winged man! While in this special mode, try to jump onto the trampolines and hit the power P's before landing in the middle of the target. When you enter the bonus stage in the parachute rounds, you transform into a penguin who must high dive into a multi-point pool! The waters are separated by ropes which each designate different extra point values.

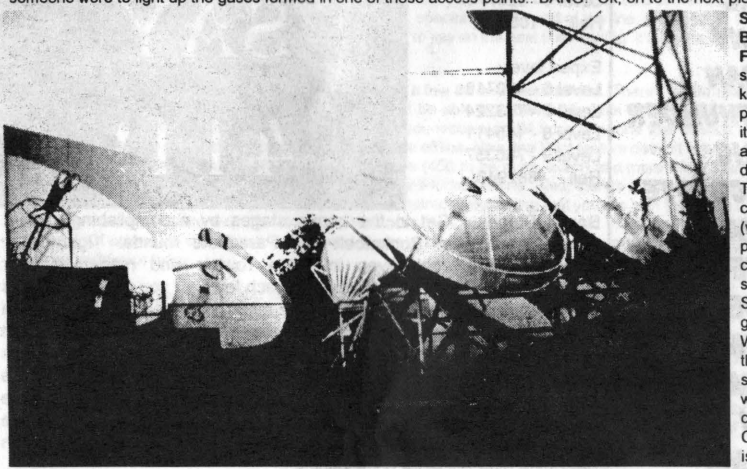
Hackers of the world UNITE!!

Just when you thought it was safe to read *Blacklisted! 411*
Behold! Your copy of *Blacklisted! 411* is MISSING!
Who TOOK it?!

The Waaaay kOOL Blacklisted! 411 Photo Gallery!



Access Point - By The Fed - Huntington Beach, CA The first picture is of a GTE area "man hole" with the lid removed (you can see part of the tool used to take the lid off - we'll get a better shot of one of these sometime SOON) You can see a cone, too... and the front end of the GTE van. Wow.. Written on a plaque mounted to the man hole safety gate are the words "NO SMOKING within ten feet".. Gee, I wonder why? There's nothing too exciting about this picture, but it's interesting because of the tool which we really cannot see... The sign is also kind of funny, as well.. Wonder how BIG the explosion would be if someone were to light up the gases formed in one of those access points.. BANG! Ok, on to the next picture.....



Satellite Downlink - By Cyrus - Fullerton, CA We're sure most of you know what this little picture is and where it was taken. This is a cable television downlink location. This is where the cable station gets all (well, most) of their programming for the cable channels... such as HBO, Showtime, etc.. What good is any of this? Well, if you're ever in the need of causing some major probs with the Paragon cable system in Orange County, this is a good place to start! Huntington Beach is the place where this downlink is located, in case any of you were interested....Send us MORE pics!!!

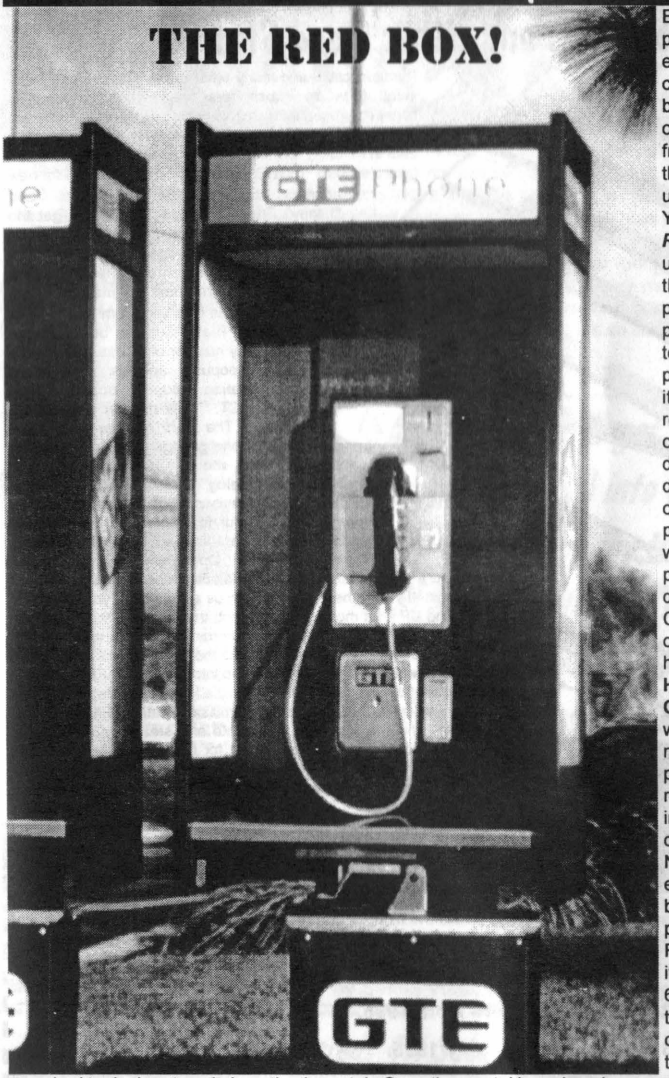
Wanted: Photographs!

If you have a photo of a payphone, local telephone company vehicle or building, local cable company vehicle or building, or some other interesting item, please send them to us along with a short "memo" explaining what it is that we're looking at! If you send a photo that we end up using in our magazine, we'll mention your name along with the photo.

Send to:

Blacklisted! 411 Photo Gallery
P.O. Box 2506, Cypress, Ca 90630

THE RED BOX!



Every month we have tons of people sending us faxes, email, snail mail and phone call....asking us what a red box is and how to make one or where to get the parts from, etc.. Well, for all of those who are always calling us about this... THIS is for YOU!

RED BOX - A device, when used correctly, will defraud the phone company's pay phones. It does this by producing the coin insertion tones which are usually produced by the pay phone itself. These tones are received at the phone company and then deciphered. When deciphered, the phone company allows a call to be placed on the payphone at which the tones were produced. These fraudulent devices will NOT work on COCOTS (customer owned coin operated telephone), however.

HOW DO YOU MAKE ONE? There are several ways to make one. All that is needed is a circuit which will produce the correct tones required to fool a payphone into thinking you inserted a coin, when you actually did NOT insert a coin. The easiest way to make a red box is to simply convert a pocker tone dialer into one. Replace the crystal inside of it with a 6.5Mhz (or a 6.5536Mhz - not correct, but the tones created with this one falls within the allowable tolerances of the tone required to designate coin insertion.) crystal. Once the crystal is replaced, program the pocket tone dialer with five *'s... this will now be your red box tone which emulates an approximate quarter insertion tone set. Each time you "play" this tone into the mouthpiece of a payphone* the payphone will be fooled into thinking you actually inserted a quarter. Pretty slick, huh? (*there are instances when this will NOT work.)

Was it your best friend? Your Teacher? Your MOM? Possibly.....
Was it a co-worker or your boss? Maybe your "Significant Other?" Who knows!
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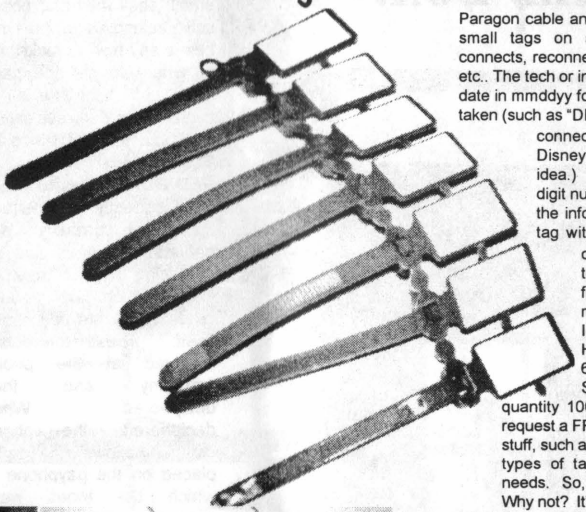
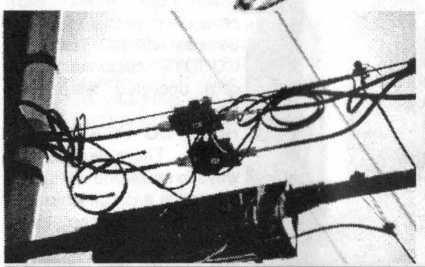
Cable Television News

Cable Tags and Other Good Stuff!



Paragon cable and many other cable systems use these small tags on subscribers lines when during new connects, reconnects, disconnects and service upgrades, etc.. The tech or installer usually includes data such as the date in mmddyy format, a quickie description of the action taken (such as "DISCO" for a disconnection or NC for new connect or RC for reconnect...."add Disney"..."remove Disney"..etc - you get the idea.) Their tech. number which is usually a 4 digit number. The tags are orange in color and the information is written on either side of the tag with black permanent ink markers. The colors of the tags vary from time to time, though. These tags can be purchased from any number of places. One of the most popular places is Seton Identification Products, located in New Haven, CT. Their number is (800)243-6624. The part number is M4837. Specify orange tags. They're $59.25 for quantity 100. You should call these people and request a FREE catalog. They have TONS of useful stuff, such as the previous mentioned tags and other types of tags useful for other utility companies needs. So, get with it and ask them for a catalog. Why not? It's FREE!! Do we need to say any more?



I'm sure this picture looks all to familiar to our readers. And it should! If you've been staying with us all this time, you should be looking UP a lot more often than not, these days. Some notes to think over. MOST of the cable companies still use the same old method of getting the cable signal to their subscribers - via coaxial cables...which is easy enough to tap into and get for FREE - which is against the law, actually. Anyhow, a few cable companies have been actively updating their transmission lines to FIBER OPTIC cable, which is a booger to tap into and steal, compared to its coaxial counterpart. This is great for the cable companies and they consider it a win-win situation.. They feel better knowing that it'll be harder for people to steal their service, plus their service will be a lot BETTER. Clearer picture and a lot more possibilities. Heh.

Back Issues!

We still have a supply of first and second quarter 1995 issues available for purchase. They're $5 each ($6 Canada - $9 Foreign) and they will be sent to you first class postage within 1 week of receipt of back issue order, while supplies last.

[ ] Volume 2, Issue 1 - First Quarter - January 1995. Quantity:_____

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Note: We do NOT have any first volume issues avaliable at this time.

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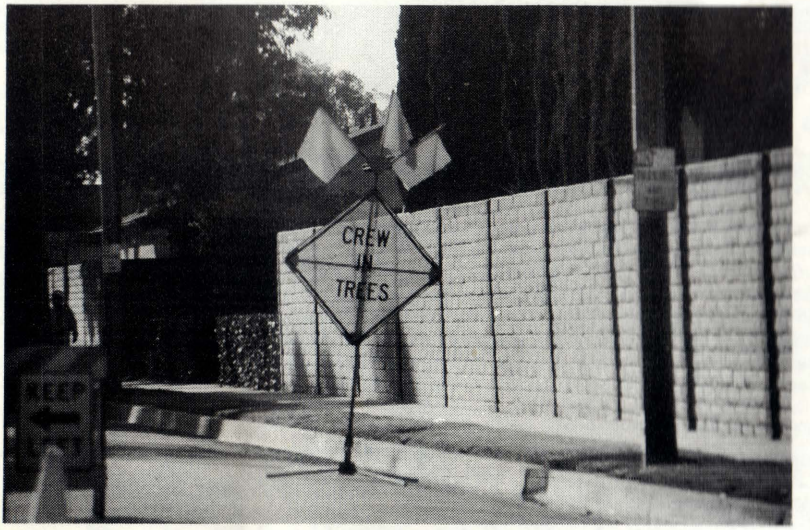

Ever see phone dudes climbing through the trees? - Must be their lunch break!

WARNING

Keep out of reach of children. Causes eye and skin irritation. Do not get in eyes, skin or clothing - Harmful if swallowed.

Do not contaminate water, food or feed by storage disposal. Open dumping is prohibited. Do not reuse. Wrap and put in trash.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink egg whites, gelatin solution or if these are not available, drink large quantities of water.

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Information Services

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